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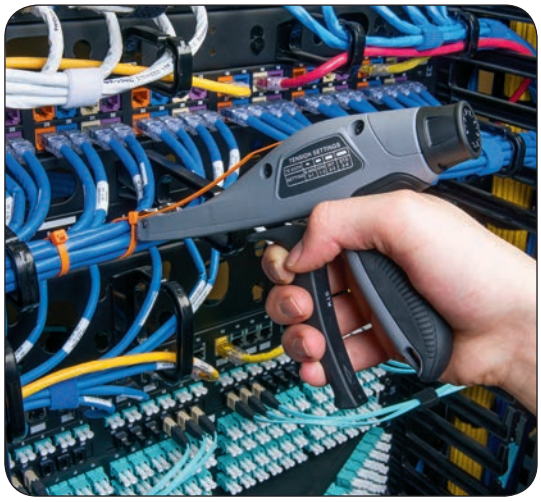
Notes

Manual Cable Tie Installation Tools

Panduit® provides the most preferred hand-operated tools in the industry. These versatile tools can be used for production, maintenance, or construction applications.

Panduit cable tie installation tools promote worker safety, help reduce downtime, improve productivity and provide the lowest total installed cost. As with all Panduit products, quality in design and production along with customer service excellence, are assured.



Tool Highlights:

- **Tool controlled tension and cut-off**
  - **Ergonomic tools are durable, lightweight, and easy to use**
  - **Manual tools**
  - **Pneumatic tools**
- **Installer controlled tension and cut-off**
  - **Large selection of tools available for complete range of Panduit cable ties**
  - **Cost-effective alternative for small volume applications**

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Selection Guide – Hand Tools, Accessories, and Kits

Hand Tools

Manual

Tool Controlled Tension and Cut-Off

Recommended usage: under 50,000 ties/year
Typical applications: Low to medium volume tie usage in OEM, MRO, or construction

Cross Section	Tool Part Number — Page A.3				
	GTS-E	GS2B	GTH-E	GS4H	GS4EH
SM	X				
M	X	X			
I	X	X			
S	X	X	X	X	
HS			X	X	
LH			X	X	X
H			X	X	X
EH					X

Cross Sections
SM = Subminiature
M = Miniature
I = Intermediate
S = Standard
HS = Heavy-Standard
LH = Light-Heavy
H = Heavy
EH = Extra-Heavy

Installer Controlled Tension and Cut-Off

Recommended usage: under 10,000 ties/year
Typical applications: MRO or construction

Cross Section	Tool Part Number — Page A.4			
	GTS-E	GS2B	GTH-E	GS4H
M	X			
I	X			
S	X	X		
HS		X		
LH		X	X	X
H		X	X	X
EH			X	

Pneumatic

Recommended usage: under 250,000 ties/year

Typical applications: Medium to high volume tie usage in OEM

Cross Section	Tool Part Number — Page A.5	
	PTS	PTH
M	X	
I	X	
S	X	
HS	X	X
LH		X
H		X
EH		X

Accessories/Kits

	Manual			Pneumatic		
	Part Number	For Tool	Page	Part Number	For Tool	Page
Tool Tension Locking Kits	KGTS-ETL	GTS-E, GTH-E	A.6	KPTSTL	PTS, PTH	A.6
	TTLK3	GS2B, GS4H	A.6	TTLK3	PPTS	A.6
Blade Replacement Kits	KGTSBLD	GTS-E	A.6	KGTSBLD	PTS	A.6
	KGTH-EBLD	GTH-E	A.6	KPTHBLD	PTH	A.6
	K2-BLD2	GS2B	A.6	K2-BLD2	PPTS	A.6
	K4H-BLD	GS4H	A.6			
	K4EH-BLD	GS4EH	A.6			
Tool Holster	GHH	GTS-E, GS2B, GTH-E, GS4H, GS4EH	A.6	GHH	PTS, PPTS	A.6
Pneumatic Hose Assembly, Filter/Regulator Adapter Fittings				PPH10	PTS, PTH, PPTS	A.5
				PL289N1		A.5
				PHCAT		A.5

Order number of pieces required, in multiples of Standard Package Quantity.

Cable Tie Tools – Tool Controlled Tension and Cut-Off

- Used in production, maintenance, or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation, and construction features, provides a long service life
- Replacement blades available, see page A.6
- No special maintenance required

GTS-E

GS2B

GTH-E

GS4H

GS4EH

Part Number	Used with Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		Oz.	g			
GTS-E	SM, M, I, S	10.4	294	Ergonomic design with impact resistant resin housing, narrow nose, cushion handle and low impact cutoff.		1
GS2B	M, I, S	11.5	327	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-1	1
GTH-E	S, HS, LH, H	11.9	337	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.		1
GS4H	S, HS, LH, H	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-2	1
GS4EH	LH, H, EH	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387 Mil. Spec. Part Number MS90387-4	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

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Cable Tie Tools – Installer Controlled Tension and Cut-Off

- Economical series of tools for maintenance or construction applications
- Excellent tools for low volume applications

STS2

STS2

STH2

ST3EH

STHV

Part Number	Used with Cable Ties	Color	Weight		Part Features	Std. Pkg. Qty.
			Oz.	g		
STS2	M, I, S	Black	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
STH2	S, HS, LH, H	Red	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
ST3EH	LH, H, EH	Blue/Black	9.0	256	Durable, all steel construction with comfortable plastic handles.	1
STHV	LH, H	Yellow	12.0	341	Durable all steel construction and “travel stop” to prevent pinched fingers.	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Installation Procedure (STS2/STH2/ST3EH):

Install cable tie around bundle and tension tie by squeezing tool handle. Reduce tension slightly and twist tool 1/4" turn either direction to cut off excess cable tie.

Installation Procedure (STHV):

Install cable tie around bundle and tension tie by squeezing tool handle. A separate lever cuts off excess cable tie.

Order number of pieces required, in multiples of Standard Package Quantity.

Pneumatic Hand Tools – Tool Controlled Tension and Cut-Off

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance

PTS

PTH

Part Number	Used with Cable Ties	Weight		Part Features	Std. Pkg. Qty.
		Oz.	g		
PTS	SM, M, I, S	17.3	490	Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program.	1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program.	1

Note: All tools require the PPH10 hose and PL289N1 filter/regulator for proper operation.
Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Pneumatic Tool Accessories

PL289N1/PPH10

PHCAT

Part Number	Used with Installation Tool	Part Features	Std. Pkg. Qty.
PL289N1	PTS, PPTS, PTH	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 1/8" NPT female output port (to hose PPH10) and 1/4" male quick disconnect to source air line.	1
PPH10	PTS, PPTS, PTH	10.0' (3m) hose assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect (to tool).	1
PHCAT	PTS, PPTS, PTH	Adapter fitting for 10.0' (3m) hose (PPH10) to regulator with 1/4" NPT female output port, features 1/8" NPT female connection (to hose) and 1/4" NPT male connection (to regulator).	1

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Hand Tool Accessories:

Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes)

KGTS-ETL

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTS-ETL	GTS-E, GTH-E	Lockout cap and screw.	1
KPTSTL	PTS, PTH	Lockout cap and screw.	1
TTLK3	GS2B, GS4H, PPTS	Selection locking clip and screws.	1

Blade Replacement Kits

- Blade replacement kits can be part of a user's scheduled maintenance plan or used when cut-offs are not clean and crisp

KGTSBLD

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTSBLD	GTS-E, PTS	Threadlocker, screw, washer and replacement blade.	1
KGTH-EBLD	GTH-E	Threadlocker, screw, and replacement blade.	1
K2-BLD2	GS2B, PPTS	Threadlocker, screws, and replacement blade.	1
K4H-BLD	GS4H	Threadlocker, screws, and replacement blade.	1
K4EH-BLD	GS4EH	Threadlocker, screw, and replacement blade.	1
KPTHBLD	PTH	Threadlocker, screw, and replacement blade.	1

Hand Tool Holster

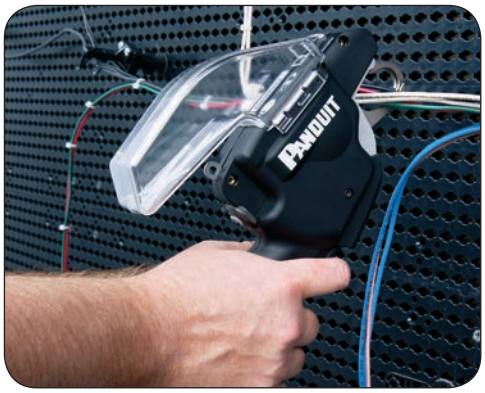
- Durable leather construction holster with rivets and extra tie-down strap to hold tool in place – easily fits on belt

Part Number	Used with Installation Tool	Color	Std. Pkg. Qty.
GHH	GTS-E, GS2B, GTH-E, GS4H, GS4EH, PTS, PPTS, ST3EH	Black	1

Order number of pieces required, in multiples of Standard Package Quantity.

Automatic Cable Tie Installation Systems

The complete line of Panduit® automatic cable tie installation systems offers a superior solution for high volume harness, assembly, fastening and packaging applications. These ergonomic systems increase productivity, provide consistent performance, and reduce activities that lead to repetitive motion injuries. A variety of tool options provide users with flexible solutions for their unique application needs.



System Highlights

Multiple systems improve productivity, reliability, and versatility:

- **Install a cable tie in less than one second**
- **Multiple cable tie styles and sizes for maximum productivity**
- **Optional software for advanced system monitoring and performance**
- **Recommended for annual usage of over 250,000 cable ties/year**
- **Typical applications: High volume OEM/ contract manufacturing**

Combined, these innovations improve reliability, maximize productivity, and lower installed costs. As with all Panduit products, quality in design and production along with customer service excellence, are assured.

Note: Recommended for annual usage of over 250,000 cable ties/year. Typical applications: high volume OEM/contract manufacturing.

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Selection Guide – Automatic Installation Systems and Reel-Fed Cable Ties

PAT1M/PAT1.5M Systems

Tool Head for use with MINIATURE Cross Section

Part Number	Description	Page
PAT1M4.0	For miniature cross section up to .82" (21mm) bundle diameter.	A.8
PAT1.5M4.0	For miniature cable ties up to 1.31" (33mm) bundle diameter.	A.8
PAT1M4.0-BT	For miniature cross section up to .82" (21mm) bundle diameter. For use with Barb Ty.	A.8
PAT1.5M4.0-BT	For miniature cable ties up to 1.31" (33mm) bundle diameter. For use with Barb Ty.	A.8

Dispenser

Part Number	Description	Page
PDM4.0	Stationary dispenser.	A.9
PDS-DI	Data interface accessory – software and interface card.	A.10

Transfer Hose

Part Number	Description	Page
PHM1	3.2' (1m) transfer hose.	A.9
PHM2	6.5' (2m) transfer hose.	A.9
PHM3	10.0' (3m) transfer hose.	A.9
PHM4	13.1' (4m) transfer hose.	A.9

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATMBM	Bench mount and foot pedal.	A.10

PAT2S/PAT3S Systems

Tool Head for use with STANDARD Cross Section

Part Number	Description	Page
PAT2S	For standard cross section up to 2.00" (51mm) bundle diameter.	A.8
PAT3S	For standard cross section up to 2.75" (70mm) bundle diameter.	A.8

Dispenser

Part Number	Description	Page
PDS	Stationary dispenser, PAT2S.	A.9
PD3S	Stationary dispenser, PAT3S.	A.9
PDS-DI	Dispenser and data interface software.	A.10

Transfer Hose

Part Number	Description	Page
PHS2	6.5' (2m) transfer hose.	A.9
PHS3	10.0' (3m) transfer hose.	A.9

Dispenser Frame

Part Number	Description	Page
PDSF	Dispenser frame, PAT2S.	A.9
PD3SF	Dispenser frame, PAT3S.	A.9

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air hose.	A.10
PL283N1	Filter/regulator.	A.10
PATSBM	Bench mount and foot pedal for PAT2S and PAT3S.	A.10

Tool Head – Multiple sizes accommodate a wide variety of applications

- Ergonomic, lightweight design reduces operator fatigue and repetitive motion injuries – no counter balance required
- Right or left hand operation
- Durable, one-piece cable tie tip collector (for cut-off tips)
- Includes tension adjustment
- Built-in safety interlock prevents false triggering if anything obstructs jaw path

PAT1M-4.0

PAT1.5M4.0

PAT2S

PAT3S

Part Number	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Dispenser/ Frame	Transfer Hose	Used with Cable Ties	Std. Pkg. Qty.
PAT1M4.0	0.82	21	PDM4.0	PHM1, PHM2, PHM3, PHM4	PLT1M-XMR	1
PAT1.5M4.0	1.31	33	PDM4.0		PLT1.5M-XMR	1
PAT1M4.0-BT	0.82	21	PDM4.0		BT1M-XMR	1
PAT1.5M4.0-BT	1.31	33	PDM4.0		BT1.5M-XMR	1
PAT2S	2.00	51	PDS/PDSF	PHS2, PHS3	PLT2S-VMR	1
PAT3S	2.75	70	PD3S/PD3SF		PLT3S-VMR	1

Order number of pieces required, in multiples of Standard Package Quantity.

Dispensers

- Microprocessor based controller monitors system performance through a touch screen display (PDM4.0 only); provides production data and reporting, including error detection and cycle count for improved reliability
- Online HELP menu through LCD display in seven languages (English, Spanish, German, Italian, French, Czech, Japanese), is user-friendly for quick and simple training

PDM4.0

PDS/PD3S

Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PDM4.0	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Stationary dispenser with electronic display. Online help menu. System operates on 65 psig (minimum) non-lubricated filtered air and 100 – 24 FAC/TP or 60 MHz.	1
PDS	PAT2S		1
PD3S	PAT3S		1

Transfer Hoses

PHM3

Part Number	Used with Tool Head	Part Description	Length		Std. Pkg. Qty.
			Ft.	m	
PHM1	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Transfers cable tie and signal from dispenser to tool head; electrical connectors designed for easy attachment provide a reliable, secure connection.	3.2	1	1
PHM2			6.5	2	1
PHM3			10.0	3	1
PHM4			13.1	4	1
PHS2	PAT2S, PAT3S		6.5	2	1
PHS3			10.0	3	1

Dispenser Frame

PDSF

PD3SF

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDSF	PDS (PAT2S)	Metal frame supports the PDS dispenser for PAT2S above the cable tie reel as ties are loaded into the dispenser; can be used as a freestanding unit or permanently mounted to a bench or cart.	1
PD3SF	PD3S (PAT3S)	Assembly holds cable tie reel and rewinds the packaging paper liner as cable ties are being loaded into the dispenser.	1

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Optional System Accessories:

Filter/Regulator and Air Supply Hose

PL283N1

PDH10-37

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PL283N1	PDM4.0, PDS	Regulates air flow to dispenser. Filter/regulator 25 micron (max.) element, 3/8" ports. Includes a male connector and a 3/8" port.	1
PDH10-37	PDM4.0, PDS	Air hose from filter/regulator to dispenser; 10.0' (3m) – includes standard air fittings.	1

Bench Mount

PATMBM

Part Number	Used with Tool Head	Description	Std. Pkg. Qty.
PATMBM	PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, PAT1.5M4.0-BT	Allows hands-free operation for high volume usage. Includes bench mount fixture and foot pedal assembly.	1
PATSBM	PAT2S, PAT3S		1

Data Interface Software and Ethernet Enabled Dispenser

Panduit® exclusive Ethernet enabled dispenser and customized data interface software allow production personnel to monitor real-time data in a shop floor environment.

The Ethernet enabled dispenser provides a physical connection between the cable tie installation system and an Industrial Ethernet Network via an RJ45 connection and internal Ethernet card.

- Allows production and/or engineering personnel the capability to measure and track production performance such as job tracking, cycle counts, tool and dispenser serial numbers, and routine maintenance
- Provides the ability to send email notifications for specific system messages
- Data extraction and reporting capabilities on system performance through an exportable electronic log; helps identify operator training needs
- Ability to monitor alerts from remote desktop locations

Part Number	Used with Dispenser	Description	Std. Pkg. Qty.
PDS-DI	PDS	Ethernet enabled PDS dispenser and data interface software.	1

Order number of pieces required, in multiples of Standard Package Quantity.

PAT/Robot Integration Kit

- Used with the PAT1M4.0, PAT1.5M4.0, PAT1M4.0-BT, and PAT1.5M4.0-BT tool heads
- Utilizes the PAT system electronic interface option, PDM-EI, to optimally integrate the PAT system to a robot for a completely automated cable tie installation process
- Significantly reduces labor costs while improving installation quality, reliability, and consistency

PATM4.0-RK

PATM-TT

Part Number	Components	Description	Std. Pkg. Qty.
PATM4.0-RK	Metallic housing	Includes a pneumatic trigger actuator for remote cable tie installation and a mounting bolt pattern to ease PAT tool integration with a robot end effector for a robust and accurate grip.	1
	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing tie misfeeds due to sharp hose bend radii during robot motion; also sold separately under part number PATM-RKS (includes two 1-foot strain relief tubes with fastening cable ties).	
	Quick start guides	Provides easily understood electrical, network, and mechanical installation instructions minimizing the robot integrator's design time and simplifying the integration process.	
	Best practices document	List of best practices when integrating the PAT system to a robot optimizing system performance and productivity.	
PATM-TT	Test tool with rubber jaws	This test tool is used during robot cable tie installation programming, providing a safe method to debug robot software without damaging actual PAT tools (test tool is not provided with the PAT/Robot Integration Kit).	1
PATM-RKS	Transfer hose strain relief kit	Strain relief to maintain transfer hose bend radius reducing cable tie misfeeds due to sharp hose bend radii during robot motion; kit is also included on the PATM-RK kit or sold separately (includes two 1-foot strain relief tubes with fastening cable ties).	1

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Order number of pieces required, in multiples of Standard Package Quantity.

Stainless Steel Installation Tools

Panduit® offers a complete line of manual and powered installation tools available with controlled tension and automatic cut-off for lower installed cost.

- **Used in production maintenance, and construction applications**
- **Full line of lightweight, ergonomic hand tools**
- **Flush cut-off of ties limits exposure to sharp edges**

Panduit continues to develop stainless steel solutions for harsh environment applications by solving customer problems with innovative products and reliable tooling to achieve lowest installed cost.

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Heat Trace Installation Tools

- Tools speed installation
- Features high reliability, low maintenance, and long life

ST4MT

RT2HT

Ordering Information

Part Number	Description	Std. Pkg. Qty.
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1
RT2HT	Installation tool for use with standard to extra heavy ties. Side entry design for immediate positioning of tie and tool in order to speed installation. Tensioning controlled by operator. Use lowest tension setting for this application.	1

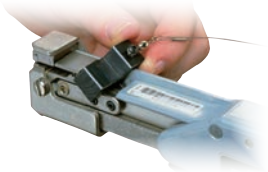
Stainless Installation Tools

GS4MT Hand-Operated Installation Tool

- Single handle operation for fast installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Easy removal of excess tie
- Qualified product listed per MIL Standard MS90387-3
- Automatically tensions and cuts off tie when predetermined tension is reached
- Installs standard 0.18 inch (4.6mm), light-heavy 0.25 inch (6.4mm) and heavy 0.31 inch (7.9mm) cross section ties

GS4MT

Side Entry



CAMT

Part Number	Part Description	Std. Pkg. Qty.
GS4MT	Used with standard, light-heavy, and heavy cross section Pan-Steel • type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1
K4M-BLD	Replacement cutter blade for GS4MT.	1
K4MTG	Replacement tension gripper for GS4MT.	1
CAMT	Cut-off accessory. Use this accessory with GS4MT tool to cut MBH or MBS continuous banding. Accessory drops in place for use.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Tool Tension Locking Kits

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes).

To lock selector knob and tension level.

To lock fine adjustment.

Part Number	Part Description	Std. Pkg. Qty.
TTLK3	Tool tension locking kit for GS4MT and PPTMT installation tools.	1

ST2MT and ST4MT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One hand operation – lightweight
- Easy removal of excess tie
- Tool tension is controlled by installer
- Rugged, lightweight, easy-to-operate pliers-type tool provides mechanical advantage

ST2MT ST4MT

Part Number	Part Description	Std. Pkg. Qty.
ST2MT	Used with standard, light-heavy, heavy and extra-heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, wave ties, and type MLTDH double wrapped ties. This tool has twist action cut-off mechanism.	1
ST4MT	Installation tool for use with HTMLT. Manual tensioning controlled by operator. This tool has a built in cutting lever for clean recessed cutoff.	1

RT2HT and RT2HTN Installation Tools

- Cable tie side entry for immediate positioning of tie and tool to speed installation
- Multi-position rear handle provides flexibility for a one or two hand installation
- Narrow nose tool design option available for applications requiring installations in tight confined spaces
- Replacement cutter blade and handle available for RT2HT

RT2HT

RT2HTN

Part Number	Part Description	Std. Pkg. Qty.
RT2HT	Used with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT, Wave-Ty™, and MLTFC ties. Width of tool nose 2.60" (66.0mm).	1
RT2HTN	Narrow nose installation tool for use with extra-heavy, extra-heavy 15, and super-heavy cross section Pan-Steel® type MLT and MLTFC ties. Width of tool nose 1.06" (27.0mm).	1

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HTMT Installation Tool

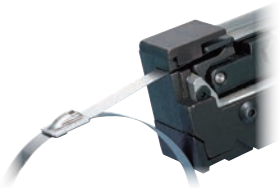
- Economical
- Coiled tie end remaining after tensioning assures a safe end
- Manual tension, no cut-off
- Installs ties parallel to the bundle

Part Number	Part Description	Std. Pkg. Qty.
HTMT	Used with standard, light-heavy, and heavy cross section Pan-Steel® type MLT ties, type MLTC/MLTFC coated ties, and type MLTDH double wrapped ties.	1

PPTMT Pneumatic Installation Tool

- Power assisted tool for fast and effortless installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Automatic cut-off
- One hand operation – lightweight
- Easy removal of excess tie
- Operates 85 PSI (586 KPA Bar) non-lubricated air and requires no special maintenance

PPTMT



Side Entry

Part Number	Part Description	Std. Pkg. Qty.
PPTMT	Pneumatic Installation tool for use with the following stainless steel cross section ties: • Type MLT: Standard, light-heavy, and heavy • Type MLTFC: Standard and heavy • Type MLTC and MLTDH: Heavy Used with custom length banding cross sections: • Type MB: Standard and heavy • Type MBC: Heavy Automatically tensions and cuts off tie flush* when predetermined tension is reached, providing more reliable and consistent installations. Ideal for high production applications Installs both standard 0.18 in. (4.4mm) and heavy 0.31 in. (7.9mm) cross section ties with the flip of the knob.	1
PPH10	10.0' (3m) hose assembly (regulator to tool); includes a 0.13" (3.3mm) NPT male connector (to regulator) and 0.13" (3.3mm) female quick disconnect (to tool).	1
PL289N1	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 0.13" (3.3mm) NPT female output port (to hose PPH10) and 0.25" (6.4mm) male quick disconnect to source air line.	1
KPPTMTG	Replacement gripper kit for PPTMT.	1
KPPTMTB	Replacement blade kit for PPTMT.	1

Order number of pieces required, in multiples of Standard Package Quantity.

PBTMT Battery Powered Installation Tool

- Lithium-Ion battery optimizes performance by installing more cable ties per charge
- Ergonomic tool design provides a compact lightweight body, reducing operator fatigue
- Automatic flush cut off enhances productivity with easy one hand installation
- Cable tie side entry allows quick side entry of tie into tool to speed installation
- 360° rotating head allows access to confined spaces
- Controlled tension mechanism provides consistent installations every time
- Battery indicator improves productivity with quick visual identification of battery life
- Variable speed trigger provides increased operator control, for easy installation

PBTMT

Part Number	Part Description	Std. Pkg. Qty.
PBTMT	Battery Powered Installation tool for use with the following stainless steel cross section ties: • Type MLT and MLTFC: Heavy, extra-heavy, and super-heavy • Type MLTC: Heavy • Type MLTDH: Extra-Heavy and super-heavy Used with custom length banding cross sections: • Type MB and MBC: Heavy, extra-heavy, and super-heavy 2 – 12 volt Lithium-Ion batteries and 115 volt, 60 Hz charger included	1

MTRT Retained Tension Manual Installation Tools

- Adjustable detent mechanism provides user pre-set controlled tension for repeatable installations and maximum reliability
- Smooth cable tie cut-off eliminates burrs or sharp edges after installation to deliver added bundle protection and job site safety
- Tie tensioning mechanism provides improved durability compared to conventional gripper style tools
- Change over kits available to allow for installation of all tie cross sections with one tool

Part Number	Part Description	Std. Pkg. Qty.
MTRTH	Retained tension installation tool for use with Pan-Steel® heavy cross section MRT and MRS style ties and MRT double wrapped style ties.	1
MTRTLS	Retained tension installation tool for use with Pan-Steel® light-heavy and standard cross section MRT and MRS style ties and MRT double wrapped style ties.	1
KMTRTH	Change over kits allow for installation of heavy cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTH tools.	1
KMTRTLS	Change over kits allow for installation of light-heavy and standard cross section MRT and MRS style ties, and MRT double wrapped style ties in MTRTLS tools.	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

BT2HT Hand Operated Installation Tool for Strapping

- Strap side entry
- Multi-position rear handle provides flexibility for a one or two hand installation
- Adjustable tension control
- Easy removal of excess strap
- Installs (3) sizes: 0.38 inch (9.5mm), 0.50 inch (12.7mm), and 0.63 inch (15.9mm)
- Replacement cutter blade and handle available

Part Number	Part Description	Std. Pkg. Qty.
BT2HT	Installation tool for use with 0.38" (9.5mm), 0.50" (12.7mm), and 0.63" (15.9mm) widths of Panduit® Pan-Steel® Strapping. Tensions, cuts strapping, and secures the buckle tab. Lever cut off.	1
KRT2BLD	Replacement cutter blade for RT2HT and BT2HT.	1
KRT2HNDL	Replacement cutter handle for RT2HT and BT2HT.	1

BT75SDT Hand Operated Installation Tool for MS75 Strapping

- Screw drive tension mechanism provides high tension with minimal effort, reducing operator fatigue
- Heavy duty construction offers a longer service life
- Strapping side entry allows quick side entry of the strap into tool to speed installation

Part Number	Part Description	Std. Pkg. Qty.
BT75SDT	Installation tool for use with 0.75" (19.1mm) width strapping only. Tensions and cuts strapping. Screwdriver required for buckle closure (not included).	1

Order number of pieces required, in multiples of Standard Package Quantity.

Wiring Duct Tools

Panduit® offers a selection of Panduct® Tools to aid cutting, modifying, and installing wiring duct.

Some of the features and benefits found in Panduct® Tools include:

- **Wide selection of hand tools for cutting and installing wiring duct**

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Panduct® Installation Tools

- Panduit® Panduct® Bench Mount Wiring Duct Cutting Tool and Duct Cutting Tool easily cut Panduct® Wiring Duct and Cover
- DNT-100 notches duct sidewalls to bottom scoreline for tees and corner junctions
- TNR installs or removes Panduit nylon rivets, NR1-C and NR1-M, quickly and easily
- DFCT easily removes duct fingers in tight spaces

PBDCT

DCT

DFCT

DNT-100

TNR

NR1

Part Number	Part Description	Std. Pkg. Qty.
Duct Cutting Tools		
PBDCT*	Panduit bench-mount duct cutting tool. Cuts slotted wiring ducts and wiring duct covers with up to 6" width and up to 5" height. Full 78.74" (2 meter) measuring scale. Includes safety guarding.	1
DCT	Hand-held duct cutting tool.	1

*If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

Replacement Parts for Duct Cutting Tools		
PBDCT-BLD	Replacement blade for PBDCT	1
WD25737B01	Replacement handle for PBDCT	1
DCT-BLD	Replacement blade kit with blade and nylon insert for DCT.	1
DCT-RI	Replacement nylon insert.	1
Duct Finger Cutting Tool (For use with all wide slotted duct types)		
DFCT	Hand-held duct finger cutting tool	1
Duct Notching Tool (For use with all wide slotted duct types)		
DNT-100	Hand-held sidewall notching tool	1
Nylon Rivet Installation Tool		
TNR	Hand-held nylon rivet installation tool	1
Nylon Rivets		
NR1-C	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	100
NR1-M	Nylon rivet for use with TNR rivet tool Mean pull-off force PVC: 90 lbs. Type NE/Type NNC: 70 lbs Mean shear force: PVC 139 lbs. Type NE/Type NNC: 126 lbs	1000

Notes:
- Always use approved safety goggles when using any tools.
- If ordering PBDCT outside the U.S., these part numbers must both be ordered: PBDCT-B and PBDCT-M.

Total Thickness of Panel and Duct		Panel Hole Dia. Needed		ANSI Standard Drill Bit
In.	mm	In.	mm	
0.158 – 0.187	4.0 – 4.7	0.187	4.7	#15
0.188 – 0.218	4.8 – 5.5	0.193	4.9	#11
0.219 – 0.250	5.6 – 6.4	0.203	5.2	#7
0.251 – 0.281	6.5 – 7.1	0.213	5.4	#4

Order number of pieces required, in multiples of Standard Package Quantity.

Terminal Crimping Tools

Panduit® offers a wide assortment of tools to provide solutions for installing terminals, disconnects, splices, ferrules and lugs. Panduit installation tools provide quality performance and ease of installation at the lowest installed cost. The long-term reliability of Panduit installation tools provides the highest level of service to meet customer requirements.

- **Ergonomic design to minimize operator effort**
- **Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp**
- **Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket**
- **Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs**
- **UL Listed and CSA Certified tooling/product combinations, as noted**

Panduit terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated Contour Crimp™ Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. Panduit terminal crimping tools are designed for use with Panduit terminals, providing the right solution for your termination needs.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
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Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints

1. Select the proper Panduit terminal for the application and wire size used

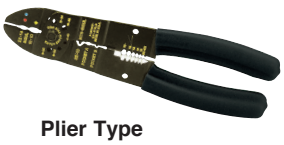
- Ring terminals are used for high vibration and grounding applications
- Fork terminals are used for static (non-vibration) applications
- Disconnects are used for applications that require quick connection of wires without the use of tools
- Splices and wire joints are used to join wires together

2. Strip wire to the proper length as specified on:

- Panduit product packaging label
- Packaging instructions included with the Panduit product
- Or if no packaging instructions are available, plan your strip length so that 1/32" of wire can be seen protruding through the tongue end of the terminal barrel

3. Select the proper crimp tool to be used

- Use crimping tools that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection
- Panduit terminals are UL Listed and CSA Certified when crimped with Panduit plier type crimping tool or with the preferred Contour Crimp™ Controlled Cycle Crimping Tool specified on the packaging label



Plier Type Crimping Tool

Contour Crimp™ Controlled Cycle Crimping Tool

4. Select the proper crimp pocket for the terminals and wire size you are using

- Panduit crimping tools simplify this process with color-coded crimp pockets. The yellow, blue, and red pockets are specifically designed for the industry standard barrel sizes, each with a specific color code.

5. Perform the electrical crimp for the plier type tool

Insulated Terminals and Disconnects

A. Locate terminal in appropriate size color-coded crimp die pocket with tool centered on insulation sleeve. *(See Note 1, page D.4)*

B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D.4)*

E. Provide second crimp on the flared portion of the insulation housing to close the insulation as shown. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D.4)*

Step A

Step B

Steps C and D

Step E

Complete Crimp

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

Non-Insulated Terminals and Disconnects

A. Locate terminal in appropriate wire gauge crimp die pocket with indenter centered on barrel seam.

B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire (based on recommendations on package label) into terminal until a minimum of 1/32" of wire extends beyond the terminal barrel.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2, page D.4)*

Step A

Step B

Steps C and D

Complete Crimp

Insulated and Non-Insulated Parallel Splices

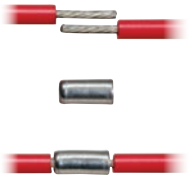
A. Locate parallel splice in appropriate wire gauge crimp die pocket and position tool on the center of the splice.

B. Rotate terminal so tongue is level with crimp die.

C. Insert properly stripped wire (based on recommendations on package label) into each end of the parallel splice.

D. Squeeze tool handles firmly. *(See Note 2, page D.4)*

E. An insulation crimp is not required on an insulated parallel splice.



Steps A and B

Steps C and D

Complete Crimp

Insulated and Non-Insulated Butt Splices

A. Locate butt splice in appropriate color-coded crimp die pocket and position crimp halfway between the wire stop (center of splice) and the end of the insulation crimp area. *(See Note 4, page D.4)*

B. Insert properly stripped wire (based on recommendations on package label) into one end of butt splice.

C. Squeeze tool handles firmly to perform the electrical crimp *(See Note 2, page D.4)*

D. Provide second crimp on the flared portion of the insulation housing to close the insulation. Caution: When using plier type crimping tools, do not squeeze as firmly as you did for the electrical crimp. *(See Note 3, page D.4)*

E. Repeat steps A – D for opposite end of butt splice. *(See Note 3, page D.4)*

Steps A and B

Step C

Steps D and E

Complete Crimp

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Crimping Guidelines for Panduit® Pan-Term® Terminals, Disconnects, Splices and Wire Joints (continued)

Insulated and Non-Insulated Wire Joints

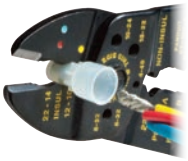
A. Properly strip wires per manufacturer's recommendations on product package label.

B. Twist stripped wire ends together and insert wires into wire joint.

C. Locate wire joint in appropriate wire gauge crimp die pocket and position crimp in the center of the metal insert.

D. Squeeze tool handles firmly to perform the electrical crimp. *(See Note 2 below)*

Note: An insulation crimp is not required on an insulated wire joint.



Steps A and B

Steps C and D

Complete Crimp

NOTES for Crimping with the Preferred Hand Operated Controlled Cycle Crimping Tools:

1. Panduit controlled cycle crimping tools properly locate rings, forks, and barrel insulated disconnects, and pins. No further positioning is required.
2. When using the preferred controlled cycle tool, once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
3. Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
4. When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

Perform the electrical crimp using the preferred controlled cycle tool

A. Make sure the terminal barrel is centered correctly in the right die pocket by using the product locator on the backside of the tool.

B. Determine the correct die pocket to use based on the color code of the terminal.

C. Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.

D. Insert the wire and complete cycle to perform the electrical and insulation crimp simultaneously.

E. Crimp is complete.

Step A

Step B

Step C

Step D

Complete Crimp

Inspect the crimp

Note: If your crimp looks like any of the examples shown below, cut off the terminal and re-crimp. These crimps would provide a poor connection!

Bent Back Strands

Over Crimp

Rotated Crimp

Order number of pieces required, in multiples of Standard Package Quantity.

Perform the electrical crimp using the preferred controlled cycle ferrule tool

A. Make sure the tool is in the full open position

B. Strip the wire to the correct length shown on the ferrule packaging

C. Rotate the locator to the respective position according to the size of the ferrule being crimped

D. Insert the ferrule into the locator until fully seated

E. Squeeze the handles of the tool until one click is heard; this click indicates the terminal is now held in place securely to insert the wire.

F. Insert the wire and complete cycle to perform the electrical.

G. Crimp is complete.

Step A

Step B

Step C

Step D & E

Step F

CT-1160 Hexagon Crimp

CT-1170 Square Crimp

CT-1090 Trapezoid Crimp

Cutting and Stripping wire using the Panduit ST-100 Tool

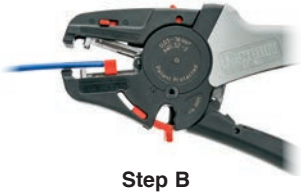
A. Pinch the length locator together and slide it to the required stripping length

B. Insert the wire and rest the end against the length locator until it stops

C. Close the tool until the jaws release

D. Remove the completed stripped wire

Step A

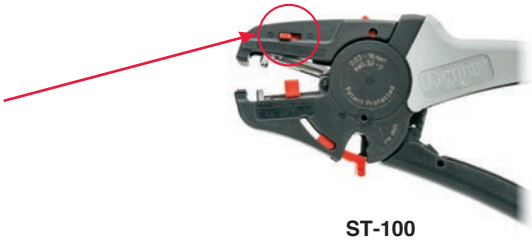


Step B

Step C

Complete Stripped wire

Note: Tools is equipped with "Powerplus" to allow for fine adjustment depending on the insulation thickness



ST-100

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Hand Operated Plier Type Tools

- Installer controlled crimp
- Available with wire stripping and cutting features
- Plier type crimp for #22 – 10 AWG insulated and non-insulated terminal products

CT-260

CT-200

CT-160

CT-100A

Part Number	Part Description	Std. Pkg. Qty.
CT-260	Crimps most Panduit® #22 – 10 AWG insulated and non-insulated terminals. Forged steel tool. Cuts wire.	1
CT-200	Forged steel tool. Crimps most Panduit #22 – 10 AWG non-insulated terminals, disconnects and splices. #12 – 10 AWG copper code conductor lugs. Cuts wire.	1
CT-160	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three metric screw sizes. Cuts and strips wire. Has insulation closure pocket.	1
CT-100A	Crimps most Panduit #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices, #12 – 10 AWG copper code conductor lugs. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles.	1

Wire and Cable Stripping Tools

- Strips and cuts #20 – 10 AWG wire
- Lightweight and durable for comfortable long use
- Rust resistant coating included to improve durability of tool

Part Number	Wide Range (O.D.)	Part Description	Std. Pkg. Qty.
CST115	#20 – 10 AWG	Plier nose wire stripper.	1

New Self-Adjusting Wire and Cable Cutting and Stripping Tool

NEW!

- Strips and cuts #32-5AWG (0.03-16mm^2) wire
- Adjustable stripping length from 3.0-21mm
- Designed to prevent damage or fanning of conductors
- Ergonomic lightweight design for easy mechanical action and less operator fatigue
- Easy blade storage in retractable handle cover
- No tools required to change the stripping blades

Part Number	Wide Range (O.D.)	Part Description	Std. Pkg. Qty.
ST-100	#32-5AWG (0.03 – 16mm^2)	Self-Adjusting Wire Cutter and Stripper	1

Order number of pieces required, in multiples of Standard Package Quantity.

Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip

CT-1525

CT-1550

CT-1551

CT-1570

CT-1700

CT-1701

CT-1015

Part Number	Part Description	Std. Pkg. Qty.
CT-1525	Crimps Panduit® #26 – 22 AWG insulated terminals and splices, #22 – 10 AWG fully insulated disconnects and insulated parallel splices. Crimps Panduit #22 – 14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations.	1
CT-1551	Crimps most Pan-Term® #22 – 10 AWG nylon and vinyl insulated terminals, splices, and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations.	1
CT-1570	Crimps most Pan-Term® #22 – 10 AWG and 0.5 – 6.0mm^2 non-insulated terminals and disconnects. Crimps Panduit #22 – 10 AWG and 0.5 – 6.0mm^2 non-insulated splices and #10 AWG compression lugs.	1
CT-1700	Crimps Panduit #8 – 2 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – 2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1
CT-1015	Crimps Panduit #22 – 14 AWG loose piece Supra-Grip™ Disconnects.	1

Controlled Cycle Crimping Tools

- Specialty crimping tools for fully insulated right angle disconnects and heat shrink insulated terminals, disconnects, and splices
- Controlled cycle mechanism assures high quality, consistent terminations

CT-300-1

Part Number	Part Description	Std. Pkg. Qty.
CT-300-1	Crimps Panduit #22 – 14 AWG fully insulated right angle disconnects (DNFR-FIB series).	1
CT-310	Blue handle tool crimps Panduit #22 – 10 AWG heat shrink insulated terminals, disconnects, and splices.	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
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Controlled Cycle Crimping Tools – Ferrule End Sleeve

- Specifically designed for the installation of Pan-Term® Ferrules
- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Multi-position locator facilitates a high quality repeatable crimp

CT-1002

CT-1003

CT-1004

CT-1005

CT-1006

CT-1104

CT-1123

CT-1090 NEW!

Part Number	Part Description	Std. Pkg. Qty.
CT-1002	Controlled cycle crimp tool with trapezoid profile for #26 – 10 AWG (0.14 – 6.0mm²) insulated and non-insulated single wire ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1
CT-1003	Controlled cycle crimp tool with trapezoid profile for #22 – 8 AWG (0.50 –10.0mm²) insulated and non-insulated ferrules and #22 – 10 AWG (0.50 – 6.0mm²) insulated twin wire ferrules.	1
CT-1004	Controlled cycle crimp tool with trapezoid profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1005	Controlled cycle crimp tool with trapezoid profile for #4 – 2 AWG (26.0 – 35.0mm²) insulated and non-insulated ferrules.	1
CT-1006	Controlled cycle crimp tool with trapezoid profile for #1 AWG (50.0mm²) insulated and non-insulated ferrules.	1
CT-1104	Controlled cycle crimp tool with square profile for #8 – 6 AWG (10.0 – 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules.	1
CT-1123	Controlled cycle crimp tool with square profile for #26 – 8 AWG (0.14 – 10.0mm²) insulated and non-insulated ferrules and #22 – 12 AWG (0.50 – 4.0mm²) insulated twin wire ferrules.	1
CT-1160	Controlled Cycle Ferrule Crimp Tool with Hexagon profile for 28-5 AWG (0,08 - 16 mm²) insulated and non-insulated single wire ferrules and 23-10 AWG (2 x 0.25mm² - 2x 6mm²) insulated twin ferrules.	1
CT-1170	Controlled Cycle Ferrule Crimp Tool with Square profile for 28-5 AWG (0,08 - 16 mm²) insulated and non-insulated single wire ferrules and 23-10 AWG (2 x 0.25mm² - 2x 6mm²) insulated twin ferrules.	1
CT-1090	Controlled Cycle Ferrule Crimp tool with square profile for #26 - 10 AWG (0.14-6.0mm²) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm²) insulated twin ferrules.	1

CT-1160 NEW!

CT-1170 NEW!

Order number of pieces required, in multiples of Standard Package Quantity.

Semiautomatic Ferrule Crimping Tool – CT-1000

- Innovative rapid load design utilizes continuously molded ferrules to significantly reduce installation time
- Controlled cycle tool cuts, strips, and crimps wire to maximize efficiency
- Adjustable die setting allows termination of all Panduit #20 – 14 AWG continuously molded ferrules with a single tool

Part Number	Part Description	Std. Pkg. Qty.
CT-1000	Controlled cycle crimp tool with trapezoid profile for #20 – 14 AWG (0.50 – 2.5mm²) insulated continuously molded ferrules on strips. Also cuts and strips wire.	1

Controlled Cycle Crimping Tools – In-Line

- Military specialty tools help meet military and nuclear test requirements for Class 2 applications
- In-line crimp action for greater dielectric strength with uniform insulation compression
- Calibration-recalibration is possible for maintaining exact crimp dimensions

Part Number	Part Description	Std. Pkg. Qty.
CT-400	Crimps #22 – 14 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1
CT-460	Crimps #16 – 10 Panduit insulated terminals, disconnects, and splices. Comes complete with tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.21 - D.23, in this catalog.

Pneumatic Crimping Tool

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements; this tool, when used with only four crimp heads, can crimp a full range of #26 – 10 AWG insulated and non-insulated terminal products
- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself

Part Number	Part Description	Std. Pkg. Qty.
CT-600-A	Pneumatic tool, 6' air hose and carrying case. Does not include crimping heads (ordered separately).	1
CT-500CH	Crimping head for most #22 – 14 insulated terminals, splices, and disconnects.	1
CT-520CH	Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals.	1
CT-550CH	Crimping head for most #22 – 10 insulated terminals and splices.	1
CT-570CH	Crimping head for #22 – 10 non-insulated terminals, splices, and disconnects. #14 – 10 AWG copper code conductor lugs.	1
PD-600-A	Positioning device (for bench mounting of CT-600-A).	1
FPC-600-A	Foot actuator operating air pressure: 80 – 100 psi 0.233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator.	1
K600-A	Update kit for foot pedal control and positioning device to work with new CT-600-A pneumatic crimping tool.	1

For proper crimp head selection, see the tooling selection guide for Panduit terminals, splices, and disconnects on pages D.21 - D.23, in this catalog.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit® copper and aluminum lugs, splices insulated terminals

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – 2 AWG vinyl insulated terminals. Color-coded CD-720 crimping dies, carrying/storage case, and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Black steel carrying case for CT-720 crimping tool.	1

For battery powered crimping tools, see compression connector tools selection guide on pages D.21 - D.23.

CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

CD-720PV8-2

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	
CD-720-1	#8 – 2 AWG	Red P21 Blue P24 Gray P29 Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37 Pink P42 Black P45 Orange P50	#4 – 1/0 AWG	Green P37 Pink P42 Gold P45 Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54 Yellow P62	2/0 – 3/0 AWG	Olive P54 Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – 2 AWG, Vinyl Insulated Pan-Term® Terminals	Red, Blue, Yellow	—	—	1

See pages D.21 - D.23 for connector and tool selection information.

Order number of pieces required, in multiples of Standard Package Quantity.

PANDUIT BlackFin™ Installation Tools

Meets OSHA Mandated Electrical and Mechanical Product Safety Requirements

- Certified by CSA, an OSHA Accredited NRTL (nationally recognized test lab) to meet mandatory OSHA Requirements
- Meets requirements of Safety for Handheld, Motor-Operated Electric Tools (UL 60745-1, CSA C22.2 No 60745-1)
- Prevention of fire, shock, mechanical, noise hazards to workers

Meets requirements of EU Machinery Directive and EMC Directive

- Certified by SiQ to IEC/EN 62841-1: Safety of Electric Motor-Operated Magnetically Driven Hand Tools
- Tested to EN 61000 series: Electromagnetic Compatibility Environment

Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

FINs – Fast Intelligent Notification Software

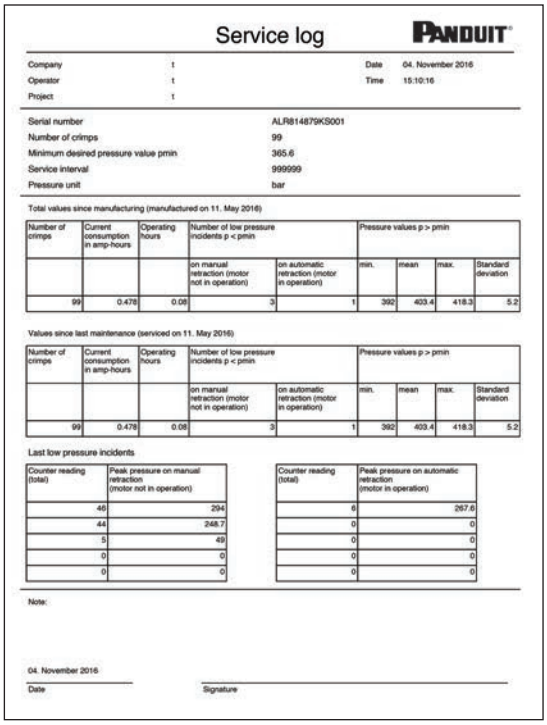
Statistical documentation and evaluation of crimping process world

Simple and Easy to use Home Screen for: Project Tracking and Status, Operations Log, Service Reports

Key performance Metrics:

- Number of Cycles
- Last maintenance
- Project status
- Quality Control Documents: Service log and Test Certificate
- Waveform Crimp Performance

Service Interval Level Pressure Values in PSI or BAR



Service log

PANDUIT

Company	1	Date	04. November 2016
Operator	1	Time	15:10:16
Project	1		

Serial number	ALR814879KS001
Number of crimps	99
Minimum desired pressure value pmin	365.6
Service interval	999999
Pressure unit	bar

Total values since manufacturing (manufactured on 11. May 2016)

Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < pmin		Pressure values p > pmin			
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.	mean	max.	Standard deviation
99	0.478	0.08	3	1	392	403.4	418.3	5.2

Values since last maintenance (serviced on 11. May 2016)

Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < pmin		Pressure values p > pmin			
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.	mean	max.	Standard deviation
99	0.478	0.08	3	1	392	403.4	418.3	5.2

Last low pressure incidents

Counter reading (total)	Peak pressure on manual retraction (motor not in operation)
46	294
44	248.7
5	49
0	0
0	0

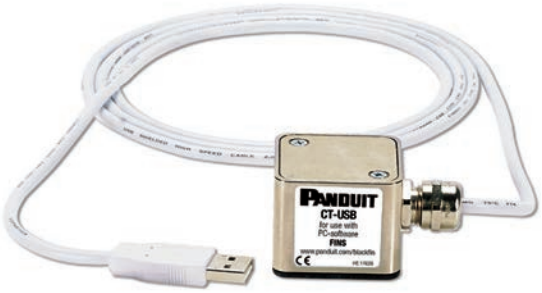
Counter reading (total)	Peak pressure on automatic retraction (motor in operation)
6	267.6
0	0
0	0
0	0
0	0

Note:

04. November 2016

Date

Signature



Panduit CT-USB

Part Number	Part Description	Std. Pkg. Qty.
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS)	1

Download the free software at www.panduit.com/blackfin

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

What is FINS – Panduit's Fast and Intelligent Notification Software

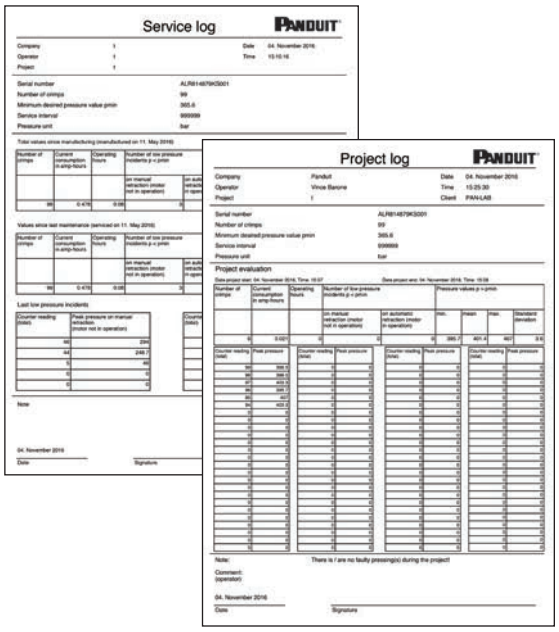
- Statistical performance of all cycles, integrity of operation and other tool metrics
- Download the free software at www.panduit.com/blackfin

Detailed work history

- Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information

Accountability

- Prove that the job was done correctly with operation and project specific documentation



Diagnostics

- Set and view maintenance intervals and add user identifiable information to manage your inventory

1. Download FIN software from www.panduit.com/blackfin
2. Connect CT-USB to your computer
3. Open Panduit FIN Software
4. Place FIN Infrared indicator on tool optical interface; pull trigger

Operation Log

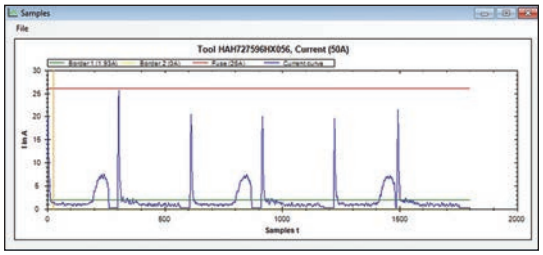
- Printable performance overview
- Differentiate your workforce with accountability

BlackFin™ Tool Performance Interface

- Home navigation screen for waveforms, project start, project log, and operation log project specific documentation
- Three key measurables; number of cycles since manufacture, last maintenance, and project
- Service interval level with grace period setting
- Shows recent pressure values in PSI

Waveform: Real Time Assurance

- View battery information and nominal PSI performance in real time



Description

- 3 phase operation log for tracking tool output
- PDF downloadable work history
- Programmable service intervals
- Waveform - real time pressure and amperage monitoring
- Low pressure incident detail
- Inventory management / tool identification capabilities
- Windows based

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2300/ST Battery Powered Micro-Crimping Tool

NEW!

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive. Certified to SiQ to IEC/EN 62841-1, Tested to EN 61000 series.
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Quick 1.5 second controlled cycle crimping, depending on the cross- section, results in less time to crimp terminals compared to conventional methods
- Lightweight 2.11 lb (0.96 Kg) with battery ergonomic design provides maximum productivity and ease of use in continuous workflow operations
- Interchangeable crimp dies for termination of all Panduit #22 – 10 AWG terminals, disconnects, splices, #26 – 10 AWG (0.14 – 6.0mm^2) singles wire ferrules, #22 – 12 AWG (0.05 – 4.0mm^2) twin wire ferrules and #14 AWG - 10 AWG copper lugs
- Crimping force 1.7 Tons (15kN)
- High-performance 10.8 V 1.5 Ah Li-ion battery with high capacity and extremely short charging time ~15 min.
- Electronic controlled and monitoring to ensure complete crimp cycle
- Integrated measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter (CT-USB) and Panduit FINS Software
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant

CT-2300/ST

Part Number	Part Description	Std. Pkg. Qty.
Crimp Tools		
CT-2300/ST	1.7 Ton Battery Powered Micro-Crimping Tool Crimps Panduit: • #22 – 10 AWG insulated and non-insulated terminals, disconnects, and splices • #26 – 10 AWG (0.14 – 6.0mm^2) insulated and non-insulated singles wire ferrules • #22 – 12 AWG (0.05 – 4.0mm^2) insulated twin wire ferrules • #14 – 10 AWG copper code conductor lugs Specifications: Crimp Force: 1.7 Ton (0.5kg) Dimensions: 10" (253mm) L x 3 5/8" (64mm) H x 2 1/2" (93mm) W with battery Weight: 2.11 lb. (0.96Kg) with battery Crimp Cycle time = 1.5 second controlled cycle crimp Warranty: 2 years Includes tool, 10.8 V 1.5 Ah Li-Ion battery, 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.1	1
CT-2300/INT	1.7 Ton Battery Powered CE Approved Micro-Crimping Tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type C Plug and molded carrying case. Crimp dies not included.	1
CT-2300/UK	1.7 Ton Battery Powered crimping tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type G Plug and molded carrying case. Crimp dies not included.	1
CT-2300/AUS	1.7 Ton Battery Powered crimping tool Includes tool, 10.8 V Li-Ion Battery, 230 V battery charger with Type I Plug and molded carrying case. Crimp dies not included.	1
CT-2300/TO	Bare 1.7 Ton Battery Powered Micro-Crimping Tool Only No batteries, charger or case.	1

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

CT-2300/ST Battery Powered Micro-Crimping Tool (continued)

NEW!

CD-550

CD-525

NEW!

CD-090

Part Number	Part Description	Std. Pkg. Qty.
Die Inserts for Use with the Panduit CT-2300 Crimping Tool		
CD-550	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-525	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-570	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices. #14 – 10 AWG copper code conductor lugs.	1
CD-090	Die insert used with CT-2300/ST and CT-2500/L series (sold separately) to crimp Panduit #26 - 10 AWG (0.14-6.0mm²) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm²) insulated twin ferrules with a square profile.	1

CT-2500/LBC

CT-2500/LCHR

CT-2500/LECHR

CT-USB Adapter

Part Number	Part Description	Std. Pkg. Qty.
Accessories		
CT-2500/LCHR	U.S. compatible 120 V battery charger for use with the CT-2500/L and CT-2300/ST.	1
CT-2500/LECHR	CE compliant EU 230 V battery charger for use with the CT-2500/LE and CT-2300/ST.	1
CT-2500/LBC	Rechargeable tool battery for use with the CT-2500/L and CT-2300/ST.	1
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS).	1

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2500/L Battery Powered Crimping Tool

NEW!

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Quick 2-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Lightweight 2.81 lb. (1.28) Kg design provides maximum productivity and ease of use in continuous workflow operations
- Interchangeable crimp heads for termination of all Panduit
  #22 – 10 AWG terminals, disconnects, splices,
  #26 – 6 AWG Ferrules singles wire ferrules
  #22 – 10 AWG insulated twin ferrules and
  #14 – 10 AWG copper code conductor lugs
- Crimping force 1.7 Tons (15kN)
- High-performance 10.8 V 1.5 Ah Lithium-ion battery with high capacity and extremely short charging time ~15 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Functional evaluation using optical interface and USB-Adapter (CT-USB) and Panduit FINS Software
- LED for workplace illumination
- Multifunction LED for maintenance display and data transfer via USB adapter
- CE and RoHS compliant

CT-2500/L

Tool with Crimp Head

CT-2550CH

CT-2523CH

Part Number	Part Description	Std. Pkg. Qty.
Crimp Tools		
CT-2500/L	1.7 Ton Battery Powered crimping tool Crimps Panduit: • #22 – 10 AWG (0.05 – 6.0mm²) insulated and non-insulated terminals, disconnects, and splices • #26 - 6 AWG (0.14 - 16.0mm²) insulated and non-insulated single wire ferrules • #22 - 10 AWG (0.05 - 6.0mm²) insulated twin ferrules Specifications: Crimp Force: 1.7 Ton (0.5kg) Dimensions: 3.5" (88.9) L x 11.0" (292.0) H x 2.5" (63.5) W with battery Weight 2.81 lb. (1.28Kg) with battery Crimp cycle time = 2-4 seconds depending on cross-section Warranty: 2 years Includes tool, two 10.8 V 1.5 Ah Li-On batteries, 120 V battery charger and molded carrying case. Crimp heads not included. Crimp Heads and Die part numbers listed below	1
CT-2500/LE	1.7 Ton Battery Powered CE Approved crimping tool w/ two 1.5 Ah Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp heads not included. Crimp Heads and Die part numbers listed below	1
Crimp Head Frames		
CT-2550CH	Crimps Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CT-2525CH	Crimps Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CT-2570CH	Crimps Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices.	1
CT-2500CH	Blank Crimp Head for use with CD-525, CD-550 CD-570 and CD-090 Die Inserts.	1
CT-2523CH	Crimps Panduit #26 - 8 AWG (0.14 - 10.0mm²) insulated and non-insulated ferrules and #22 - 12 AWG (0.50 - 4.0mm²) insulated twin wire ferrules - Square profile.	1
CT-2504CH	Crimps Panduit #8 - 6 AWG (10.0 - 16.0mm²) insulated and non-insulated ferrules and #10 AWG (6.0mm²) insulated twin wire ferrules - Square profile.	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

CT-2500/L Battery Powered Crimping Tool (continued)

NEW!

CD-550

CD-525

NEW!

CD-090

Part Number	Part Description	Std. Pkg. Qty.
Die Inserts for Use with CT-2500CH Crimp Head Frame		
CD-550	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG insulated terminals, disconnects, and splices.	1
CD-525	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG fully insulated disconnects and insulated parallel splices.	1
CD-570	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #22 – 10 AWG non-insulated terminals, disconnects, and splices. #14 – 10 AWG copper code conductor lugs.	1
CD-090	Die insert used with CT-2500/L and CT-2300 series (sold separately) to crimp Panduit #26 - 10 AWG (0.14-6.0mm²) insulated and non-insulated single wire ferrules and #22 - 12 AWG (0.05 - 4.0mm²) insulated twin ferrules with a square profile.	1

CT-2500/LBC

CT-2500/LCHR

CT-2500/LECHR

CT-USB Adapter

Part Number	Part Description	Std. Pkg. Qty.
Accessories		
CT-2500/LCHR	U.S. compatible 120 V battery charger for use with the CT-2500/L and CT-2300/ST.	1
CT-2500/LECHR	CE compliant EU 230 V battery charger for use with the CT-2500/LE and CT-2300/ST.	1
CT-2500/LBC	Rechargeable tool battery for use with the CT-2500/L and CT-2300/ST.	1
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS).	1

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool

NEW!

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals. 8 AWG – 300 kcmil copper Code lugs and splices. 6 AWG – 2/0 AWG dual rated aluminum lugs and splices
- Quick 3-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight 4.0 lbs (1.8 kg) design provides maximum productivity and ease of use in continuous workflow operations
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- Slim 360° rotations crimp head design allows use in limited space areas
- Crimping force 4.0 Tons (35kN)
- High-performance 18 V 2.0 Ah Li-ion battery with high capacity and extremely short charging time ~22 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Evaluation function via optical interface and optional CT-USB adapter accessory and Panduit FINS software downloadable from Panduit website
- One-button operation controls all tooling functions
- LED work light for workplace illumination
- Multifunction LED for maintenance display, battery charge status indicator and data transfer via CT-USB adapter & FINS software

CT-2600/L

CT-LIBCMK2AH

Part Number	Part Description	Std. Pkg. Qty.
Crimping Tools		
CT-2600/L	4.0 Ton Battery Powered crimping tool Crimps Panduit ® tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR** insulated ring terminals. 8 AWG - 300 kcmil copper Code lugs and splices. 6 AWG - 2/0 AWG dual rated aluminum lugs and splices Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.25" (336.5) H x 4.5" (114) L x 2.87" (72.9) W with battery Weight 4.0 lbs (1.8 kg) with battery; Crimp cycle time = 3-4 seconds depending on cross-section Warranty: 2 years CT-2600/L includes: Tool with crimp head, two 18 V 2.0 Ah Makita* Li-On batteries, one 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.	1
CT-2600/LINT	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp dies not included.	1
CT-2600/LUK	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type G Plug and molded carrying case. Crimp dies not included.	1
CT-2600/LAUS	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type I Plug and molded carrying case. Crimp dies not included.	1
CT-2600/TO	Bare 4.0 Ton Battery Powered Crimping Tool No batteries, charger or case.	1

*Makita is a registered trademark of Makita Corporation. **KYNAR is a registered trademark of Atofina Chemicals, Inc.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool

NEW!

Part Number	Part Description	Std. Pkg. Qty.
Crimp Die Inserts		
CD-2600-P8	Used with CT-2600/L and CT-2600/LINT to install Panduit P8 and P8-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P6	Used with CT-2600/L and CT-2600/LINT to install Panduit P6 and P6-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P4	Used with CT-2600/L and CT-2600/LINT to install Panduit P4 and P4-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P2	Used with CT-2600/L and CT-2600/LINT to install Panduit P2 and P2-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-PV8	Used with CT-2600/L and CT-2600/LINT to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV6	Used with CT-2600/L and CT-2600/LINT to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV4	Used with CT-2600/L and CT-2600/LINT to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV2	Used with CT-2600/L and CT-2600/LINT to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR** insulated ring terminals.	1

** KYNAR is a registered trademark of Atofina Chemicals, Inc.

KC-4 and KA-4 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance

Part Number	Copper Code Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KC4-8	#8 AWG	Red	1
KC4-6	#6 AWG	Blue	1
KC4-4	#4 AWG	Gray	1
KC4-2	#2 AWG	Brown	1
KC4-1	#1 AWG	Green	1
KC4-1/0	1/0 AWG	Pink	1
KC4-2/0	2/0 AWG	Black	1
KC4-3/0	3/0 AWG	Orange	1
KC4-4/0	4/0 AWG	Purple	
KC4-250	250 kcmil	Yellow	
KC4-300	300 kcmil	White	

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Part Number	Aluminum Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KA4-6	#6 AWG	Gray	1
KA4-4	#4 AWG	Green	1
KA4-2	#2 AWG	Pink	1
KA4-1	#1 AWG	Gold	1
KA4-1/0	1/0 AWG	Tan	1
KA4-2/0	2/0 AWG	Olive	1

See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool Accessories

NEW!

A/C Adapters for BlackFin Battery Powered Tools

CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

Makita* Battery Chargers for BlackFin Battery Powered Tools

CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

Makita* 18 V Lithium-Ion Rechargeable Batteries for BlackFin Tools

CT-LIBCMK3AH

Part Number	Part Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-On 18 V, 3.0 Ah Replacement Battery	1
CT-LIBCMK2AH	Makita* Li-On 18 V, 2.0 Ah Replacement Battery	1
CT-LIBCMK3AHINT	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (Austraila Use)	1

*Makita is a registered trademark of Makita Corporation.

FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface
- Download the free software at www.panduit.com/blackfin

CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Large Ferrule Crimping Dies

Large Ferrule crimping dies are designed to snap into battery powered crimping tools to install ferrule onto the stripped ends of #1 AWG to 500 kcmil flexible cables - Classes DLO, H, I, K and M.

- Interchangeble dies allows the use of one power tool for multiple wire sizes
- Snap in mounting delivers less than a 20 second exchange of die sets: no tools neede for additional labor savings
- Dies are made of chrome plated steel to insure up to 50,000 cycles and protection against corrosion
- Impressed die index number provides a quick post crimp inspection of ferrule for superior performance and quality assurance
- 2.9 second cycle time, 26% faster than most comparable tools to deliver quick and quality terminations
- Designed to minimize the profile of the crimped end of wire to assist feeding into the connector wire entries
- Die sets for #1 AWG to 500 kcmil
- 6-ton tool frame of CT-3001 provides sufficient compression of ferrules during crimping to prevent wire pull out and deliver a secure connection

CD-920-F-Series

CT-3001/ST

CT-920CH
See Page E.28

Part Number	Used with Tool*	Wire Size (AWG)	Wire Size (mm²)	Ferrule Series
CD-920-F87	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	1 AWG – 1/0	50.0	F87, FSD87
CD-920-F89	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	2/0	70.0	F89, FSD89
CD-920-F90	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	3/0	95.0	F90, FSD90
CD-920-F91	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	4/0 – 250 kcmil	120.0	F91, FSD91
CD-920-F92	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	300 kcmil	150.0	F92, FSD92
CD-920-F93	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	350 kcmil	185.0	F93
CD-920-F94	CT-3001/ST CT-3001/CCP* CT-2931/ST CT-2920/CCP* CT-920CH and CT-920CH/CCP*	400 – 500 kcmil	240.0	F94

*Requires Adapter UA22 for CT-3001/CCP and UA12TKL for CT-2920/CCP and CT-920CH/CCP.

CD-2001-F Series

Part Number	Used with Tool*	Wire Size (AWG)	Wire Size (mm²)	Ferrule Series
CD-2001-F87	CT-3001	1 AWG – 1/0	50.0	F87, FSD87
CD-2001-F89	CT-3001	2/0	70.0	F89, FSD89
CD-2001-F90	CT-3001	3/0	95.0	F90, FSD90
CD-2001-F91	CT-3001	4/0 – 250 kcmil	120.0	F91, FSD91
CD-2001-F92	CT-3001	300 kcmil	150.0	F92, FSD92
CD-2001-F93	CT-3001	350 kcmil	185.0	F93
CD-2001-F94	CT-3001	400 – 500 kcmil	240.0	F94

*Also compatible with the CT-2001 and CT-3001/E.

Order number of pieces required, in multiples of Standard Package Quantity.

Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools														Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/ST	CT-500CH	CT-520CH	CT-550CH	CT-570CH
BS	Non-insulated butt splices	26-22	1/4	X	X																				
		22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
		12-10	9/32	X	X	X	X										X	X	X		X				X
BSH	Heat shrink splices	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
BSN	Nylon insulated butt splices	26-22	1/4	X																			X		
		22-18	9/32	X			X				X				X	X			X		X	X			
		16-14	9/32	X	X		X				X	X			X	X			X		X	X			
		12-10	9/32	X	X		X					X			X	X			X		X			X	
BSV	Vinyl insulated butt splices	22-18	5/16	X	X		X				X				X	X			X		X	X		X	
		16-14	5/16	X	X		X				X	X			X	X			X		X	X		X	
		12-10	5/16	X	X		X					X			X	X			X		X			X	
D, DR	Non-insulated sleeved barrel disconnects (includes right angle disconnects)	22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
		12-10	9/32	X	X	X	X										X	X	X		X				X
D-M	Non-insulated male blade adapters	22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
D-M	Non-insulated male disconnects	12-10	9/32	X		X	X										X	X	X		X				X
D-MB, DR-B	Non-insulated right angle female disconnects and non-insulated male butted seam disconnects	22-18	9/32	X	X	X	X																		
		16-14	9/32	X	X	X	X																		
DNF	Nylon, funnel entry, barrel insulated disconnects (not 0.110/0.111)	22-18	9/32		X		X				X			X					X		X	X			
		16-14	9/32		X		X				X	X			X	X			X		X	X		X	
DNF-110, DNF-111	Nylon, funnel entry barrel insulated disconnects, 110/.111 tab size	22-18	7/32	X										X					X		X	X	X		
		16-14	9/32		X										X	X			X		X				
DNF-FI	Nylon, fully insulated disconnects	22-18	9/32	X	X		X								X	X			X		X	X		X	
		16-14	9/32	X	X		X								X	X			X		X	X		X	
		12-10	3/8	X	X		X					X			X	X			X		X			X	
DPF-FI	Premium nylon, fully insulated disconnects	12-10	3/8	X	X		X					X			X	X			X		X			X	
DNF-FIB, DNF-FIM, DNF-FIMB, DPF-FIB, DPF-FIMB	Nylon and premium grade nylon, fully insulated, funnel entry, male/female couplers (not 0.110/0.111)	22-18	9/32	X										X					X		X		X		
		16-14	9/32	X										X					X		X		X		
		12-10	3/8											X					X		X		X		
DNF-FIB, DPF-FIB	Nylon and premium grade nylon, fully insulated, funnel entry disconnects 0.110/0.111 tab size	22-18	7/32	X										X					X		X		X		
DNF-FIBX	Nylon, expanded wire entry fully insulated	22-18	9/32	X																					
		16-14	9/32	X																					

Tool/product approved combinations indicated on individual product pages.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
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Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

				Plier Tools				Controlled Cycle Hand Tools														Crimp Heads for Pneumatic CT-600-A Tool			
Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
DNF-M	Nylon insulated, funnel entry, barrel insulated, male disconnects	22-18	9/32	X	X		X								X	X			X		X	X		X	
		16-14	9/32	X	X		X								X	X			X		X	X		X	
		12-10	9/32	X	X		X					X			X	X			X		X			X	
DNFR-B	Nylon pre-insulated, right angle disconnects	22-18	9/32											X					X		X				
		16-14	9/32											X					X		X				
DNFR-FIB	Nylon butted seam, right angle disconnects	22-18	11/32						X																
		16-14	11/32						X																
DNG-FB	Supra Grip™ Nylon, Fully Insulated Disconnects (except DNG14-187FB and DNG14-188FB)	22-18	1/4										X												
		16-14	1/4										X												
DNH	Heat shrink disconnects	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
DV	Vinyl barrel insulated sleeved disconnects	12-10	9/32	X											X	X			X		X			X	
DV-B	Vinyl insulated, butted seam disconnects	22-18	1/4	X										X					X		X		X		
		16-14	1/4	X										X					X		X		X		
DV-M	Vinyl barrel insulated male blade adapters	22-18	9/32	X	X		X				X				X	X			X		X	X		X	
		16-14	9/32	X	X		X				X	X			X	X			X		X	X		X	
DV-M	Vinyl insulated male disconnects	12-10	9/32	X			X																	X	
DV-MB	Vinyl insulated butted seam male disconnects	22-18	9/32	X							X			X					X		X	X		X	
		16-14	9/32	X							X	X		X					X		X	X		X	
DV-P	Vinyl insulated piggyback disconnects	22-18	1/4	X	X		X								X	X			X		X	X		X	
		16-14	1/4	X	X		X								X	X			X		X	X		X	
DVF	Vinyl funnel entry barrel insulated female disconnect	22-18	9/32												X	X			X		X	X		X	
		16-14	9/32												X	X			X		X	X		X	
J	Non-insulated wire joints																								
	J214-312	14-12	1/2	X		X																			
	J318-412	18-12	1/2	X		X																			
	J216-410	16-10	3/4			X																			
JN	Nylon insulated wire joints																								
	JN224-318	24-16	7/16	X	X		X				X				X	X			X		X	X		X	
	JN218-216	22-16	7/16	X	X						X				X	X			X		X	X		X	
	JN418-212	18-12	1/2	X	X							X			X	X			X		X			X	
	JN314-412	14-12	5/8		X																				
P-HDR	Non-insulated heavy duty rings	16-12	9/32	X		X	X										X	X	X		X				X
P-P	Non-insulated pin terminals	22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
		12-10	9/32	X	X	X	X										X	X	X		X				X
P-R	Non-insulated large ring terminals	8	3/8															X		X					
		6	7/16															X		X					
		4	1/2															X		X					
		2	1/2															X		X					

Tool/product approved combinations indicated on individual product pages.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Tooling Selection Guide for Panduit® Terminals, Splices, and Disconnects (continued)

Panduit Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.)	Plier Tools				Controlled Cycle Hand Tools														Crimp Heads for Pneumatic CT-600-A Tool			
				CT-100A	CT-160	CT-200	CT-260	CT-720	CT-300-1	CT-310	CT-400	CT-460	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500/L	CT-2600/L	CT-2300/L	CT-500CH	CT-520CH	CT-550CH	CT-570CH
P-R, P-F, P-LF, P-FF	Non-insulated rings, forks, locking forks, flanged forks	26-22	3/16	X		X	X																		
		22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
		12-10	9/32	X	X	X	X										X	X	X		X				X
P-RHT6	High temperature rings	22-18	9/32	X	X	X	X										X		X		X				X
		16-14	9/32	X	X	X	X										X		X		X				X
		12-10	9/32	X	X	X	X										X	X	X		X				X
		8	3/8																	X					
		6	7/16																	X					
		4	1/2																	X					
		2	1/2																	X					
PH	Heat shrink terminals	22-18	5/16							X															
		16-14	5/16							X															
		12-10	5/16							X															
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon and nylon funnel entry forks, locking forks, flanged forks (includes expanded insulation)	26-22	3/16	X										X					X		X				
		22-18	7/32	X							X				X	X			X		X	X		X	
		16-14	7/32	X							X	X			X	X			X		X	X		X	
		12-10	9/32	X								X			X	X			X		X			X	
PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16-12	9/32									X			X	X			X		X			X	
PS	Non-insulated parallel splices	22-18	5/16	X		X	X																		
		20-16	5/16	X		X	X																		
		14-12	7/16	X		X	X																		
PSN	Nylon insulated parallel splices	22-18	5/16											X					X		X		X		
		20-16	5/16	X	X		X							X					X		X		X		
		14-12	7/16											X					X		X			X	
PK-R	KYNAR■ rings	22-18	7/32	X			X				X				X	X			X		X	X		X	
		16-14	7/32	X			X				X				X	X			X		X	X		X	
		12-10	9/32	X											X	X			X		X			X	
		8	3/8																	X					
		6	7/16																	X					
		4	1/2																	X					
		2	1/2																	X					
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16-12	5/16									X			X	X			X		X				X
PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22-18	5/16	X			X				X				X	X			X		X	X			X
		16-14	5/16	X							X	X			X	X			X		X	X			X
		12-10	5/16	X		X						X			X	X			X		X				X
PV-P	Vinyl insulated pin terminals	22-18	5/16	X	X		X								X	X			X		X	X			X
		16-14	5/16	X	X		X								X	X			X		X	X			X
		12-10	5/16	X	X		X								X	X			X		X				X
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl insulated rings and forks (includes expanded insulation)	26-22	3/16	X										X					X		X				
		22-18	5/16	X	X		X				X				X	X			X		X	X			X
		16-14	5/16	X	X		X				X	X			X	X			X		X	X			X
		12-10	5/16	X	X		X					X			X	X									X
PV-R, PV-RX	Vinyl insulated large ring terminals	8	3/8					X‡												X					
		6	7/16					X‡												X					
		4	1/2					X‡												X					
		2	1/2					X‡												X					

■KYNAR is a registered trademark of Atonfina Chemicals, Inc.
‡Use Die CD-720PV8-2.

A. Cable Ties
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Semi-Automatic Ferrule Installer - CP-881

- The automated microprocessor feature provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) to reduce the average manual processing cycle time from 8 – 10 seconds to 1.5 seconds
- For use with Panduit® continuously molded #20 – 14 AWG (0.5 – 2.5mm^2) DIN ferrules on reels of 1500 – 3000 or mini-reels of 500 – 1000 pieces to deliver a superior solution for quality, high volume terminations
- Digital LCD cycle counter display with reset button for batch quantity counting improves accuracy and efficiency
- Color coded die inserts allow visual matching between parts and die sets for fast efficient change over and reduced mismatching
- Lightweight with built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity

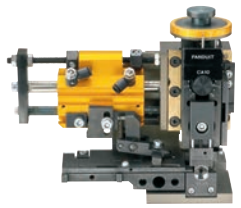
CP-881
A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm^2) ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

CP-881/E
A semi-automated tool that provides a quick three step process (wire stripping, ferrule placement, and ferrule crimping) with a cycle time of 1.5 seconds. This tool is used with Panduit continuously molded #20 – 14 AWG (0.5 – 2.5mm^2) ferrules on mini-reels of 500 – 3000 pieces for quality, medium to high volume terminations. Included with the tool are color coded die inserts that allow visual matching between parts and die sets for fast efficient change over and reduced mismatching. The CP-881 tool is lightweight and has a built-in handle for easy movement of tool from workstation to workstation for maximum jobsite flexibility and productivity.

Order number of pieces required, in multiples of Standard Package Quantity.

Reel Smart™ Ferrule Applicator – SCA-712022002 (CA10)

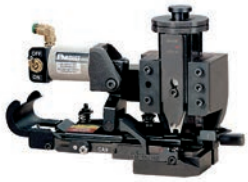
- Designed for use with continuously molded ferrules in reels of 1,500 - 3,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
SCA-712022002 (CA10)	Applicator used to terminates entire line of Reel Smart™ Continuously Molded Ferrules on reels. For use with UC 200 (CP-871) Electric Press and SCA (CD10) series die sets.	1
SCA-712022005WE (CD10-1)	Die insert to be used with the CA10 applicator to terminate FSD75 and FSD76 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022006WE (CD10-2)	Die insert to be used with the CA10 applicator to terminate FSD77 and FSD78 Reel Smart™ Continuously Molded Ferrules.	1
SCA-712022007WE (CD10-3)	Die insert to be used with the CA10 applicator to terminate FSD80 Reel Smart™ Continuously Molded Ferrules.	1

CA9 Ezair™ and CA-800EZ Applicators

- Designed to terminate all continuously molded terminals, disconnects, and splices in reels of 500 - 3,000 for high volume applications
- Precision terminal indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the UC 200 (CP-871) electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets allow for fast product change over and reduction in setup time; dies sold separately



Part Number	Part Description	Std. Pkg. Qty.
CA-800EZ*	Applicator: runs in the AMP* Model T and K bench presses. True “quick change” applicator — no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 series die inserts.	1
CA9	CA9 Ezair™ Applicator: terminates the entire Reel Smart™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes downtime and increases productivity. Fast, easy loading of terminal parts without special instructions or setup personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Uses CD9 series insert dies. Used in UC 200 (CP-871) electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired.	1

*AMP is a registered trademark of Tyco Electronics.
For crimp die information, refer to pages D.27 and D.28.

A. Cable Ties
B. Stainless Steel
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Electric Bench Press

- For use with Panduit® Applicators and Reel Smart™ Continuously Molded Terminals and Ferrules to provide a superior solution for quality, high volume terminations
- UC 200 (CP-871) press has a microprocessor based controller and LCD that displays text messages and cycle count with multi-language capability
- Tool crimp height adjustment feature allows user to easily set and maintain desired crimp height for consistent performance
- Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership

Part Number	Part Description	Std. Pkg. Qty.
UC 200 (CP-871)	Electric press: 4000+ terminations per hour. Operates on 110 V current/60 Hz, 220 V current/50 Hz (field convertible). Overall size (without reel): 13" x 33" x 16". Total weight (without reel): 176 lbs. Includes foot pedal.	1

Die Sharpening Kits

- Used to resharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

Part Number	Part Description	Std. Pkg. Qty.
DSF-RS	For use with black oxide cutter dies.	1
DSF-NP	For use with nickel-plated cutter dies.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Die Information

Part Number	Color Code	AWG Wire Range	(1) Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter In.	60/40 Solder Slug Diameter mm	Spare Part Number Crimp Die	Spare Part Number Cutter Die	Spare Part Number Lower Die
CD-800-1	Red	22 – 18, 22 – 16	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)	0.188	4.78	TD13471C06 CD-800-1	TD13483C03 CD-800 C-1	TD17755B01 CD-1
(CD-800-1D***)		22–18							
CD-800-2	Blue	16 – 14, 18 – 14	Plastic Ins. Crimp, Insulation Support, Metal Ins. Crimp, Plastic Ins. Crimp	PV, DV-MB, DV-B, BSN, PN, PNF, DNF-M, BSP (Premium Nylon)			TD13473C05 CD-800-2	TD13486C03 CD-800C-2	TD17756B01 C-2
(CD-800-2D***)		16 – 14							
CD-800-3	Yellow	12 – 10, 14 – 10, 16 – 12	Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Crimp	PV, PV12, DV, DV-C, PN12, PV12, DV-M, PN, PNF, DNF-M			TD13475C06 CD-800-3	TD13489C03 CD-800C-3	TD17757B01 C-3
CD-800-4	Red	12 – 18	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13833C06 CD-800-4, 10	TD13505C03 CD-800 C-4	TD17758B01 C-4, 10
CD-800-5	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13634C05 CD-800-5, 11	TD13508C03 CD-800 C-5	TD17759B01 C-5, 11
CD-800-6	Red	22 – 18	Insulation Support	DNF-FIBX			TD13652C04 CD-800-6	TD13499C03 CD-800C-6	TD17760B01 C-6
CD-800-7	Red	22 – 18	Insulation Support	DNF-110FIB, DNF-111FIB, DNF-112FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD13492C04 CD-800 C-7	TD17761B01 C-7, 12
CD-800-8	Red/ Blue	22 – 18, 16 – 14	Insulation Support	DNF-FIBX, DNF-FIMX, DNF-FIMX	0.188	4.78	TD13481C06 CD-800-8	TD13502C04 CD-800 C-8	TD17762B01 C-8
CD-800-9	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD13479C05 CD-800-9	TD13495C03 CD-800 C-9	TD17763B01 C-9
CD-800-10	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB	0.188	4.78	TD13633C06 CD-800-4, 10	TD16233C03 CD-800 C-10	TD17758B01 C-4, 10
CD-800-11	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB, DPF-FIB, DPF-LPB			TD13634C05 CD-800-5, 10	TD16243C02 CD-800 C-11	TD17759B01 CD-5, 11
CD-800-12	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DPF-111FIB	0.125	3.18	TD13477C05 CD-800-7, 12	TD16235C03 CD-800 C-12	TD17761B01 C-7, 12
CD-800-13	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD19116C03 CD-800-13	TD19115C03 CD-800 C-13	TD19424B01 C-13
CD-800-14	Red/ Blue	22 – 18, 16 – 14	Metal Insulation Crimp	DNG-FL	0.125	3.18	TD22943C01 CD-800-14	TD22944C02 CD-800 C-14	TD22960B01 C-14
CD-800-15	Red	22 – 18	Metal Insulation Crimp	DNG-FB	0.188	4.78	TD22945C01 CD-800-15	TD22946C02 CD-800 C-15	TD22961B01 C-15
CD-800-16	Blue	16 – 14	Metal Insulation Crimp	DNG-FB			TD22947C01 CD-800-16	TD22948C02 CD-800 C-16	TD22962B01 C-16
CD-800-17	Yellow	12 – 10	Insulation Support	BSN			TD23601C01 CD-800-17	TD23600C01 CD-800-17	TD23612B01 CD-800-17
CD-800-18	Yellow	12 – 10	Plastic Insulation Crimp	DNF-FIMB			TD13475C06 CD-800-18	TD23773C01 CD-800-18	TD17757B01 CD-800-18

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

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Die Information (continued)

Part Number	Color Code	AWG Wire Range	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Diameter		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD9-1A	Red	22 – 16, 22 – 18	Insulation Support, Plastic Ins. Crimp, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24129C01	TD24139C01	TD24149C01
CD9-1AD***		22 – 18	Plastic Insulation Crimp, Metal Insulation Grip	PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-1B		22 – 18	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-2A	Blue	18 – 14, 16 – 14	Insulation Support, Plastic Ins. Crimp, Insulation Support, Plastic Ins. Crimp, Metal Ins. Grip	BSN, BSP, BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78	TD24130C01	TD24140C01	TD23712C01
CD9-2AD***		16 – 14	Insulation Support, Plastic Insulation Crimp, Metal Insulation Grip	BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	0.188	4.78			
CD9-2B		16 – 14	Plastic Insulation Crimp	PV-56R, PV-38R	0.188	4.78			
CD9-3B	Yellow	12 – 10, 16 – 12	Plastic Ins. Crimp, Metal Ins. Grip, Plastic Ins. Crimp	PV, DV, DV-M, PN, PNF, DNF-M, PV12, PN12	0.188	4.78	TD24131C01	TD24141C01	TD23713C01
CD9-4A	Red	22 – 18	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24132C01	TD24142C01	TD24150C01
CD9-4B		22 – 18	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-5A	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-LPB	0.188	4.78	TD24133C01	TD24143C01	TD24151C01
CD9-5B		16 – 14	Insulation Support	DNF-FIM, DNF-FIMB	0.188	4.78			
CD9-6B	Red	22 – 18	Insulation Support	DNF-FIBX	0.188	4.78	TD23700C01	TD23683C01	TD23716C01
CD9-7A	Red	22 – 18	Insulation Support	DNF-110, 111, 112FIB	0.125	3.18	TD23701C02	TD23684C01	TD23717C01
CD9-8B	Blue/ Red	16 – 14, 22 – 14	Insulation Support	DNF-FIBX, DNF-FIMX	0.188	4.78	TD23702C01	TD23685C01	TD23718C01
CD9-9C	Red/ Blue	22 – 14	Insulation Support	DNFR-FIB	0.125	3.18	TD23703C01	TD23686C01	TD23719C01
CD9-10A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24132C01	TD24144C01	TD24150C01
CD9-10B	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-11A	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIB, DPF-LPB	0.188	4.78	TD24133C01	TD23688C01	TD24151C01
CD9-11B	Blue	16 – 14	DiscoGrip™ Insulation Crimp	DPF-FIM, DPF-FIMB	0.188	4.78			
CD9-12A	Red	22 – 18	DiscoGrip™ Insulation Crimp	DPF-110FIB, DFP-111FIB	0.125	3.18	TD23701C02	TD23689C01	TD23717C01
CD9-13B	Yellow	12 – 10	Insulation Support, DiscoGrip™ Insulation Crimp	DNF-FIB, DPF-FIB	0.188	4.78	TD24134C01	TD24145C01	TD24152C01
CD9-14A	Red/ Blue	22 –18, 16 – 14	Metal Insulation Grip	DNG-FL	0.125	3.18	TD23705C01	TD23691C01	TD23721C01
CD9-15A	Red	22 – 18	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24135C01	TD24146C01	TD24153C01
CD9-16A	Blue	16 – 14	Metal Insulation Grip	DNG-FB	0.188	4.78	TD24136C01	TD24147C01	TD24154C01
CD9-17B	Yellow	12 – 10	Insulation Support	BSN	0.188	4.78	TD24110C01	TD24109C01	TD24111C01 TD24112C01
CD9-18B	Yellow	12 – 10	Insulation Support	DNF-FIMB	0.188	4.78	TD24131C01	TD23766C01	TD23713C01
SCA-712022005WE (CD10-1)	—	20 – 18	Insulation Support	FSD75, FSD76	—	—	—	—	—
SCA-712022006WE (CD10-2)	—	18 – 16	Insulation Support	FSD77, FSD78	—	—	—	—	—
SCA-712022007WE (CD10-3)	—	14	Insulation Support	FSD80	—	—	—	—	—

TA13721A01 = 60/40 Solder Slug with 1/8" (0.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (0.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and DiscoGrip™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

Order number of pieces required, in multiples of Standard Package Quantity.

SCA-712022002 (CA10), CA9 Ezair™, and CA-800EZ Applicators Wire Processing Machine Manufacturer/Press Compatibility

Manufacturer	Wire Processing Machine with (WPM) or Bench Press Only	SCA-712022002 (CA10)	Panduit Applicators	
			CA9	CA-800EZ*
PANDUIT	CP-861 press only		A1	
	CP-871 press only	A	A1	B
TE CONNECTIVITY	CLS III G with G press (AWP)	A	A1	
	CLS IV with G press (AWP)	A	A1	B
	CLS IV G plus with G press (AWP)	A	A1	
	G bench press only	A	A1	
	CLS II with T press (AWP)		A1	
	CLS III with T press (AWP)		A1	
	T bench press only		A3	B
	K bench press only			B
	3K40	A	A	
	5K40	A	A	
ARTOS	CS-600 with AMP G press (AWP)	A	A1	
	CS-600 with TU7M press (AWP)			B
	CS-600 with TU-10 press (AWP)		A1	
	MTX Series 5 with TU-10 press (AWP)		A1	
GAMMA MECCANICA	T20P-110V bench press only		A1	
KODERA	Series C451/C450 (AWP)	A	A1	
	Series C551/C550 (AWP)		A1	
KOMAX	Gamma 311 with Mecal K300 press (AWP)		A1	B2
	Gamma 333 with mci 711 press (AWP)	A	A1	
	Alpha 411 with Mecal PE7 or P107 press (AWP)		A1	B2
	Alpha 433 with Mecal PE7 or P107 press (AWP)		A1	
	40T with Mecal PE7 press (AWP)		A1	
	40T with Panduit CP-861 press (AWP)			
	bt711 bench press only			B4
	bt722	A	A	
MEGOMAT	AMS 3001A/APE 300 press (AWP)		A1	
	Contact (AWP)		A1	
	Primo with MP-3.0 press (AWP)		A1	
MOLEX	EP-20 bench press only			B
	TM-2000 bench press only			B
SCHLEUNIGER	Crimp center 12 with ACP01 press (AWP)		A1	B
	Crimp center 64 (AWP)	A	A1	
	UC-200 bench press	A	A1	
	Crimpcenter 36 (AWP)	A	A	
	UC-100		A	
	SC-200 (CRIMP MODE ONLY)	A	A	
SHINMAYWA	TR101 (AWP)			B
	TRD111/TR111 (AWP)		A1	B

A. Cable Ties
B. Stainless Steel
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Performance Requirements

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10
UL 486A (Terminals), UL 310 (Male Blade Adapters)									
Test current for max. 50° rise (amps)	3.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	13	20	30	50	70	80
UL 486C (Splices)									
Test current for max. 50°C rise (amps)	5.5	7	9	12	17	18	30	35	50
Min. tensile strength* (lbs.)	3	5	8	10	10	15	25	35	40

*Pull-out force of the crimped terminal.

Applicable Pan-Term® products meet or exceed the following test specifications:

- UL 486A (Terminals)
- UL 486C (Splices)
- UL 310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)
- UL and CSA approved products are shown with the applicable logos in the product section.
- UL file #E52164, CSA File #LR31212

	Wire Size (AWG)						
	#22	#20	#18	#16	#14	#12	#10
UL 310 (Disconnects)							
Continuous test current for max. 30°C rise (amps) (for 0.187", 0.205", 0.250" tab widths)	3	4	7	10	15	20	24
Continuous test current for max. 30°C rise (amps) (for 0.110" tab width)	2	3	4	5	Not Applicable		
Min. tensile strength* (lbs.)	8	13	20	30	50	70	80

*Pull-out force of the crimped terminal.

Applicable Reel Smart™ products meet or exceed the following test specifications:

- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78526, CSA file #LR31212

Applicable Panduit® ferrules meet or exceed the following test specifications:

- UL 486F
- CSA-C22.2 No. 291-14.
- DIN color code
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E472545, CSA file #LR31212

Order number of pieces required, in multiples of Standard Package Quantity.

Compression Connector Crimping Tools

Panduit® offers a wide variety of tool platforms to meet any industrial termination need: controlled cycle manual tools, manual hydraulic tools, battery operated tools and electro-hydraulic operated tools. Panduit tools and crimp dies provide termination solutions with Panduit copper and aluminum compression connectors that meets the highest safety and reliability requirements in the industry. NEW Panduit BlackFin™ battery powered tools lead the industry in safety, reliability and quality. Tools have been tested by CSA to meet mandatory OSHA safety requirements, tools self monitor the crimping process and alert the operator with visual and audible signals if complete crimp force is not attained. Tool performance and work history can be downloaded to a PC using FINS software and USB infrared reader to provide Q.C. and work history logs. Panduit offers battery powered universal tools that can crimp, cut and punch holes using a single tool platform.

- **NEW BlackFin™ Battery powered tools that lead the industry in safety, tested by CSA to meet OSHA safety requirements (UL 60745-1, CSA C22.2 No. 60745-1).**
- **NEW Fast & Intelligent Notification Software (FINS) & USB reader allows downloading of tools' complete work history at a push of a button for quality assurance and creation customized maintenance and work logs.**
- **Panduit tools incorporates ergonomic and safety features like in-line tool designs, weight forward pistol grips, LED work lights, no-slip grips and visual and audible signals to alert when complete crimp force is not attained.**
- **Panduit offers universal battery powered tools that can accomplish multiple tasks including: crimping, punching holes in sheet metal, and cutting: cable, threaded rods, rebar and ground rods.**
- **Tools and crimp dies that provide safe & reliable terminations on Panduit connectors that meets UL, CSA, NEBS Level 3, ABS, IEEE and IEC certifications.**

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Crimping Guidelines for Panduit® Pan-Lug™ Compression Lugs and Splices

1. Select the proper Panduit compression connector for the conductor type and size being used.

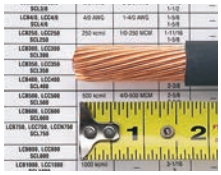
- Panduit compression connectors are identified with the proper conductor size and conductor type marked on the tongue or barrel of the connector
- The proper conductor size and type to be used with each connector can also be found in the installation instructions included with Panduit product packaging and in the tool charts* in this catalog

Tool Chart for Compress
Types LCB, LCC and SCL

PANDUIT PART NUMBER LUG SPLICE	STUD WIRE SIZE	WIRE RANGE-TAPING with *Un-Ox* TOOLS (see note)	WIRE STRIP LENGTH (in.)	CT-1700
LCB8, LCC8 SCL8	8 AWG	—	3/4 1-1/16	RED P21 (3)
LCB6, LCC6 SCL6	6 AWG	—	1-1/4 1-1/8	BLUE P24 (3)
LCB4, LCC4, LCC4-12*** SCL4	2 AWG SOL 4-3 AWG STR	4 AWG	1-1/8 1-1/8	GRAY P29 (3)
LCB2, LCC2 SCL2	2 AWG	6-2 AWG	1-1/4 1-1/4	BROWN P33 (3)
LCB1, LCC1 SCL1	1 AWG	6-1 AWG	1-7/16 1-3/8	GREEN P37 (3)
LCB1/0, LCC1/0 SCL1/0	1/0 AWG	6-1/0 AWG	1-1/2 1-3/8	—
LCB2/0 , LCC2/0 SCL2/0	2/0 AWG	4-2/0 AWG	1-5/8 1-1/2	—
LCB3/0, LCC3/0 SCL3/0	3/0 AWG	2-3/0 AWG	1-9/16 1-1/2	—

2. Strip the conductor to the proper strip length. As specified:

- On the Panduit product packaging label or
- On the installation instructions included with Panduit product packaging or
- In the tool charts* in this catalog



Make sure the conductor is not stripped too long, which would result in exposed wire between the barrel of the connector and the cable insulation.

Make sure the conductor is not stripped too short, which would result in a less than complete contact area with the connector when the conductor is inserted in the barrel.

Do not nick or cut strands of conductor during crimping, which would result in a less than premium conductor termination.

Make sure conductor strands are free from corrosion.

3. Select the proper crimping die and crimping tool to be used with the connector.

Use crimping tools and dies that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection.

Many Panduit compression connectors are UL Listed and CSA Certified when crimped with Panduit and specified competitor crimping tools and dies. These tools and dies are listed in the tool charts* in this catalog. Panduit crimping tools and dies to be used with each connector are also listed on the installation instructions included with Panduit product packaging.

Panduit compression connectors are color-coded and marked with Panduit and specified competitor die index numbers. Select the proper crimping die to be used by matching the color code and die index number marked on the connector to the same markings on the crimping die.

4. Crimp the connector.

Insert the conductor into the barrel of the connector. The conductor should stop against the end of the barrel of the lug, or wire stop in the butt splice, upon complete insertion of the conductor in the barrel. Some lugs are offered with inspection windows that provide visual inspection of the complete conductor insertion.

Review the installation instructions included with the Panduit product packaging or the tool charts* for the proper number of crimps to be placed in the connector. Make the first crimp in the barrel nearest the tongue of the lug, or wire stop in a butt splice, and make successive crimps in the barrel working towards the conductor entry at the end of the barrel. Use the color-coded or knurled band markings on the barrel of the connector to evenly space the placement of the crimps in the barrel.

:D-920-2/0 ACK P45 (3)	STD (2)	CD-2001-2/0 BLACK P45 (3)
:D-920-3/0 ANGE P50 (3)	STD (2)	CD-2001-3/0 ORANGE P50 (3)
:D-920-4/0 RPLE P54 (3)	STD (2)	CD-2001-4/0 PURPLE P54 (3)
D-920-250 LLOW P62 (3)	STD (3)	CD-2001-250 YELLOW P62 (3)
D-920-300 HITE P66 (3)	STD (3)	CD-2001-300 WHITE P66 (3)
D-920-350 ED P71 (3)	STD (3)	CD-2001-350 RED P71 (3)
D-920-400	STD	CD-2001-400

Identify

When properly crimped, the die index number engraved in the crimping die will be embossed into the barrel of the connector. The crimp should be placed in the connector so the die index number can be easily read when the connector is installed.

*See tool charts on pages E.47-E.95.

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Compression Connector Tools

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Code Conductors

Conductor Type	Connector Type	Tool Type	Copper Conductor Range																						
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
Copper Code Conductor	S LCAS LCA LCAN LCB LCB-W LCBH LCD LCDN LCC LCC-W LCCN LCCH SCSS SCS SCL SCH SCT PS RSC	Manual Crimping Tools	CT-100A – Plier Type (pg. D.6)																						
			CT-200 – Plier Type (pg. D.6)																						
			CT-1570– Controlled Cycle (pg. D.7)																						
			CT-1701– Controlled Cycle (pg. E.8)																						
						CT-1700 Controlled Cycle (pg. E.8)																			
						CT-720 – 6 ton (pg. E.8 - E.9)																			
		Air Operated Tool	CT-600A (pg. D.9)																						
		Li-ion Battery Powered Tool	CT-2300/ST (pg. D.13)																						
		Manual Hydraulic Crimping Tools				CT-920 & CT-920/CV – 12 ton (pg. E.10)																			
								CT-980 Uni-Die™ Dieless – 6.2 ton (pg. E.39)																	
		Lithium-Ion Battery Powered Hydraulic Crimping Tools				CT-2600/L– In-Line – 4 ton (pg. E.13 - E.15)																			
						CT-3001/ST & CT-3001/CPP – In-Line – 6.7 ton (pg. E.16 - E.19)																			
						CT-3980 – In-Line – 6 ton 6.7 Ton Uni-Die™ Dieless (pg. E.40 - E.41)																			
						CT-2920/CCP – 12 ton (pg. E.24 - E.25)																			
						CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																			
						CT-2940/ST – 15 ton (pg. E.26 - E.27)																			
								CT-2980/ST Uni-Die™ Dieless – 6.2 ton (pg. E.42 - E.43)																
		Remote Crimp Heads				CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																			
						CT-940CH – 15 ton (pg. E.30)																			
								CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. E.44)																	

See tool charts on pages E.47 - E.71, E.78 - E.82 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Copper Flex Conductors

Conductor Type	Connector Type	Tool Type	Copper Conductor Range																							
			#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	262 kcmil	300 kcmil	313 kcmil	350 kcmil	373 kcmil	400 kcmil	450 kcmil	500 kcmil	535 kcmil	600 kcmil	646 kcmil	750 kcmil	777 kcmil
Copper Code and Flex Conductor	LCAX LCAXN LCBX LCDX LCDXN LCCX LCCXN Maximum Code Conductor Size 4/0 AWG	Manual Crimping Tools	CT-1700 – Controlled Cycle (pg. E.8)																							
		Manual Hydraulic Crimping Tool	CT-920 & CT-920/CV – 12 ton (pg. E.10)																							
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-3001/ST & CT-3001/CPP – In-Line – 6.7 ton (pg. E.16 - E.19)																							
			CT-3980 – In-Line – 6.7 ton Dieless (pg. E.40 - E.41)																							
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																							
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																							
			CT-2940/ST – 15 ton (pg. E.26 -E.27)																							
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																							
			CT-940CH – 15 ton (pg. E.30)																							
Copper Flex Conductor	LCAF LCCF SCSF RSC	Manual Hydraulic Crimping Tool	CT-920 – 12 ton & CT-920/CV (pg. E.10)																							
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2920/CCP – 12 ton (pg. E.24 - E.25)																							
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																							
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																							
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																							
			CT-940CH – 15 ton (pg. E.30)																							

*See tool charts on pages E.72 - E.81 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Compression Connector Tools (continued)

Aluminum Compression Lugs and Splices																				
			Aluminum and Copper Code Conductors																	
Conductor Type	Connector Type	Tool Type	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 AWG	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
Copper or Aluminum Code Conductor	LAA LAB SA	Manual Crimping Tools	CT-1700 – Controlled Cycle (pg. E.8)																	
			CT-720 – Die Type – 6 ton (pg. E.8 - E.9)																	
		Manual Hydraulic Crimping Tool	CT-920 & CT-920/CV – 12 ton (pg. E.10)																	
				CT-980 Uni-Die™ Dieless – 6.2 ton (pg. E.39)																
		Lithium-Ion Battery Powered Hydraulic Crimping Tools	CT-2600/L– In-Line – 4 ton (pg. E.13 - E.15)																	
			CT-3001/ST & CT-3001/CPP – In-Line – 6.7 ton (pg. E.16 - E.19)																	
			CT-3980 – In-Line – 6.7 Ton Uni-Die™ Dieless (pg. E.40 - E.41)																	
			CT-2920/CCP – 12 ton (pg. E.24 - E.25)																	
			CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)																	
			CT-2940/ST – 15 ton (pg. E.26 - E.27)																	
				CT-2980/ST Uni-Die™ Dieless – 6.2 ton (pg. E.42 - E.43)																
		Remote Crimp Heads	CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)																	
			CT-940CH – 15 ton (pg. E.30)																	
				CT-980CH Uni-Die™ Dieless – 6.2 ton (pg. E.44)																

*See tool charts on pages E.88 - E.89 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Metric Copper Class 2r Conductors

Conductor Type	Connector Type	Tool Type	Copper Conductor Range																
			4 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²	500 mm²	630 mm²
Copper Class 2r Metric	LCMA LCMD LCMB LCMC SCMS	Manual Crimping Tools	CT-100A (pg. D.6)																
			CT-200 (pg. D.6)																
			CT-1570 (pg. D.7)																
			CT-1701 (pg. E.8)																
		Manual Hydraulic Crimping Tools			CT-920 & CT-920/CV – 12 ton (pg. E.10)														
		Lithium-Ion Battery Powered Hydraulic Crimping Tools			CT-3001/ST & CT-3001/CCP – In-Line – 6.7 ton (pg. E.16 - E.19)														
					CT-2920/CCP – 12 ton (pg. E.24 - E.25)														
					CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)														
					CT-2940/ST – 15 ton (pg. E.26 - E.27)														
		Remote Crimp Heads			CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)														
					CT-940CH – 15 ton (pg. E.30)														

* See tool charts on pages E.84 - E.85 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Selection Guide – Compression Connector Tools

Tool Selection Guide for Crimping Panduit Copper Compression Lugs and Splices for use with Metric Copper Class 5f and 6f Conductors

Conductor Type	Connector Type	Tool Type	Copper Conductor Range													
			4 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²
Copper Class 5f & 6f Metric	LCMA LCMD LCMB LCMC SCMS	Manual Crimping Tools	CT-100A (pg. D.6)													
			CT-200 (pg. D.6)													
			CT-1570 (pg. D.7)													
			CT-1701 (pg. E.8)													
		Manual Hydraulic Crimping Tools			CT-920 & CT-920/CV – 12 ton (pg. E.10)											
		Lithium-Ion Battery Powered Hydraulic Crimping Tools			CT-3001/ST & CT-3001/CCP – In-Line – 6.7 ton (pg. E.16 - E.19)											
					CT-2920/CCP – 12 ton (pg. E.24 - E.25)											
					CT-2931/ST & CT-2931/STCV – 12 ton (pg. E.22 - E.23)											
					CT-2940/ST – 15 ton (pg. E.26 - E.27)											
		Remote Crimp Heads			CT-920CH & CT-920CH/CV & CT-920CH/CCP– 12 ton (pg. E.28 - E.29)											
					CT-940CH – 15 ton (pg. E.30)											

* See tool charts on pages E.86 - E.87 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Contour Crimp™ Controlled Cycle Tools

- Controlled cycle mechanism assures high quality, consistent terminations
- Ergonomic tool design assures operator comfort, safety, and performance
- Polypropylene handles provide chemical resistance and a cushioned, non-slip grip
- Tools incorporate multiple die pockets in rotating die wheel with push-button lockout

CT-1700

CT-1701

Part Number	Part Description	Std. Pkg. Qty.
CT-1700	Crimps Panduit #8 – #1 AWG non-insulated tubular terminals (S series), #8 – 1 AWG copper code conductor lugs and splices, #8 – 2 AWG copper flex conductor lugs, #6 – 4 AWG dual rated aluminum lugs and splices and CTAPF10-16 to CTAPF3-12 copper taps. Includes 5-position, color coded rotating die.	1
CT-1701	Crimps Panduit #10 – #2 AWG non-insulated large gauge ring terminals (P series), #12 – 4 AWG non-insulated heavy duty ring terminals (P series), and #14 – 10 AWG copper code conductor lugs. Includes 5-position, rotating die.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on Panduit copper and aluminum lugs, splices, and insulated terminals
- Uses CD-720 series crimp dies sold separately

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lug™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of Panduit® Pan-Term® #8 – #2 AWG vinyl insulated terminals. Color-coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 1 year	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Black steel carrying case for CT-720 crimping tool.	1

Order number of pieces required, in multiples of Standard Package Quantity.

CD-720 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

Part Number	Used to Install Panduit Compression Lug and Splice Sizes				
	Copper Conductor Size	Copper Die Color and Die No.	Aluminum Conductor Size	Aluminum Die Color and Die No.	Std. Pkg. Qty.
CD-720-1	#8 – #2 AWG	Red P21, Blue P24, Gray P29, Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37, Pink P42, Black P45, Orange P50	#4 – 1/0 AWG	Green P37, Pink P42, Gold P45, Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54, Yellow P62	2/0 – 3/0 AWG	Olive P54, Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – #2 AWG, vinyl insulated Pan-Term® Terminals	Red, Blue, Yellow	–	–	1

See pages E.47 - E.95 for connector and tool selection information.

Die Type, Manual, Crimping Tool and Die Kits

- Available with or without controlled cycle feature to meet specific applications
- Kits available with three or full set of seven dies for crimping partial or full range of connector sizes

Part Number	Part Description	Std. Pkg. Qty.
CT-720-7	Basic tool kit with seven dies. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-7CC	Controlled cycle tool kit with seven dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3	Basic tool kit with three dies. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3CC	Controlled cycle tool kit with three dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Manual Hydraulic, 12 Ton, Crimping Tool

- High quality, durable tool construction provides long-term dependability
- Cushioned grip prevents hands from slipping on tool, reduces fatigue
- Uses Panduit CD-920 and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Audible “pop-off” valve indicates crimp completion
- Open “C” head, rotatable 350 degrees
- 2-stage hydraulic system: rapid advance, double action handle and power stroke
- Automatic retraction when operation is complete
- Manual retraction operation if needed
- Uses environmentally-friendly hydraulic oil, biodegradable
- CT-920/CV tool available with 2-layer PVC covered crimp head

CT-920

Part Number	Part Description	Std. Pkg. Qty.
CT-920 **CT-920/CV**	Terminates Panduit® Pan-Lug™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 535 kcmil flex conductor • Copper compression lugs and splices for 10mm² - 400mm² Metric class 2r and 10mm² - 300mm² class 5f/6f • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Panduit® Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 12 tons (108 kN) Jaw opening: 1.65" (42mm) Weight: 13 lbs. (5.9 kg) Length: 22" (560mm) Handle span: 17 1/2" (open), 6" (closed) Length: 22.1" (560 mm), Height: 8.5" (217 mm), Width: 2.9" (74 mm) Ambient Temperature: -4°F to 104°F (-20°C to +40°C) Warranty: 2 years CT-920 includes: • Tool • Steel tool case with die storage	1

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35.

Order number of pieces required, in multiples of Standard Package Quantity.

PANDUIT BlackFin™ Installation Tools

Meets OSHA Mandated Electrical and Mechanical Product Safety Requirements

- Certified by CSA, an OSHA Accredited NRTL (nationally recognized test lab) to meet mandatory OSHA Requirements
- Meets requirements of Safety for Handheld, Motor-Operated Electric Tools (UL 60745-1, CSA C22.2 No 60745-1)
- Prevention of fire, shock, mechanical, noise hazards to workers

Meets requirements of EU Machinery Directive and EMC Directive

- Certified by SiQ to IEC/EN 62841-1: Safety of Electric Motor-Operated Magnetically Driven Hand Tools
- Tested to EN 61000 series: Electromagnetic Compatibility Environment

Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics

FINs – Fast Intelligent Notification Software

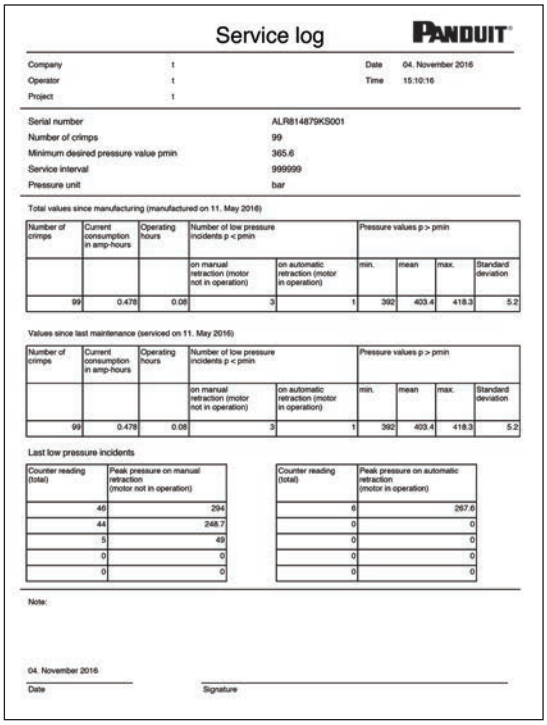
Statistical documentation and evaluation of crimping process world

Simple and Easy to use Home Screen for: Project Tracking and Status, Operations Log, Service Reports

Key performance Metrics:

- Number of Cycles
- Last maintenance
- Project status
- Quality Control Documents: Service log and Test Certificate
- Waveform Crimp Performance

Service Interval Level Pressure Values in PSI or BAR



Service log PANDUIT

Company	1	Date	04. November 2016
Operator	1	Time	15:10:16
Project	1		

Serial number	ALR8148879KS001
Number of crimps	99
Minimum desired pressure value pmin	365.6
Service interval	999999
Pressure unit	bar

Total values since manufacturing (manufactured on 11. May 2016)

Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < pmin		Pressure values p > pmin			
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.	mean	max.	Standard deviation
99	0.478	0.08	3	1	392	403.4	418.3	5.2

Values since last maintenance (serviced on 11. May 2016)

Number of crimps	Current consumption in amp-hours	Operating hours	Number of low pressure incidents p < pmin		Pressure values p > pmin			
			on manual retraction (motor not in operation)	on automatic retraction (motor in operation)	min.	mean	max.	Standard deviation
99	0.478	0.08	3	1	392	403.4	418.3	5.2

Last low pressure incidents

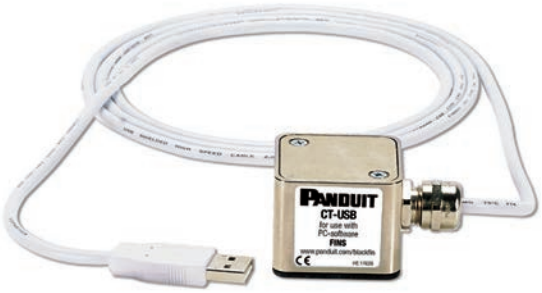
Counter reading (total)	Peak pressure on manual retraction (motor not in operation)
46	294
44	248.7
5	49
0	0
0	0

Counter reading (total)	Peak pressure on automatic retraction (motor in operation)
6	267.6
0	0
0	0
0	0
0	0

Note:

04. November 2016

Date Signature



Panduit CT-USB

Part Number	Part Description	Std. Pkg. Qty.
CT-USB	USB Adapter with Panduit Fast Intelligent Notification Software (FINS)	1

Download the free software at www.panduit.com/blackfin

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

What is FINS – Panduit's Fast and Intelligent Notification Software

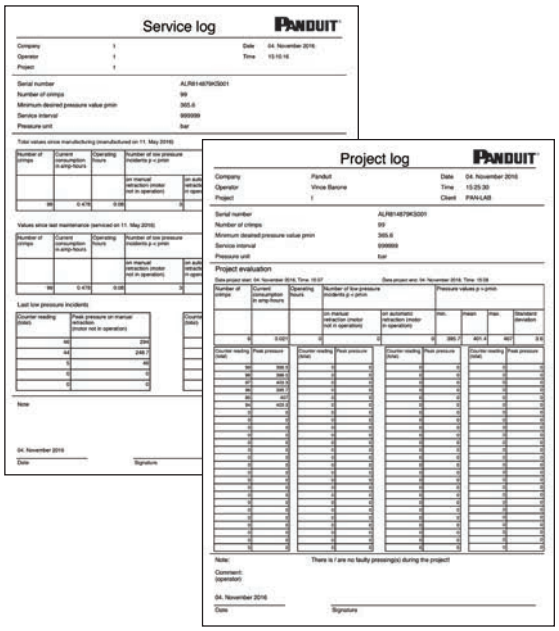
- Statistical performance of all cycles, integrity of operation and other tool metrics
- Download the free software at www.panduit.com/blackfin

Detailed work history

- Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information

Accountability

- Prove that the job was done correctly with operation and project specific documentation



Diagnostics

- Set and view maintenance intervals and add user identifiable information to manage your inventory

1. Download FIN software from www.panduit.com/blackfin
2. Connect CT-USB to your computer
3. Open Panduit FIN Software
4. Place FIN Infrared indicator on tool optical interface; pull trigger

Operation Log

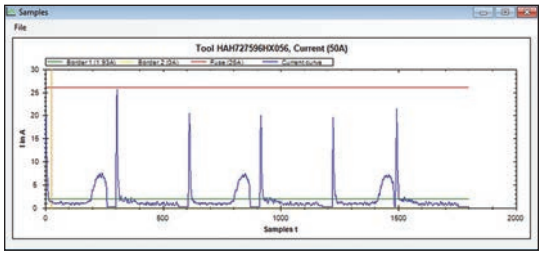
- Printable performance overview
- Differentiate your workforce with accountability

BlackFin™ Tool Performance Interface

- Home navigation screen for waveforms, project start, project log, and operation log project specific documentation
- Three key measurables; number of cycles since manufacture, last maintenance, and project
- Service interval level with grace period setting
- Shows recent pressure values in PSI

Waveform: Real Time Assurance

- View battery information and nominal PSI performance in real time



Description

- 3 phase operation log for tracking tool output
- PDF downloadable work history
- Programmable service intervals
- Waveform - real time pressure and amperage monitoring
- Low pressure incident detail
- Inventory management / tool identification capabilities
- Windows based

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Battery powered hydraulic design delivers quick termination of #8 – 2 AWG large wire insulated and non-insulated ring terminals. 8 AWG – 300 kcmil copper Code lugs and splices. 6 AWG – 2/0 AWG dual rated aluminum lugs and splices
- Quick 3-4 second crimping cycle, depending on the cross-section, results in less time to crimp terminals compared to conventional methods
- Compact, portable, and lightweight 4.0 lbs (1.8 kg) design provides maximum productivity and ease of use in continuous workflow operations
- Ram retracts automatically to signal crimp is complete
- Retractable slide button allows ram to retract in mid-cycle for manual adjustment of terminals
- Snap in crimp die provides quick change of Panduit interchangeable crimp dies without the use of tools
- Slim 360° rotations crimp head design allows use in limited space areas
- Crimping force 4.0 Tons (35kN)
- High-performance 18 V 2.0 Ah Li-ion battery with high capacity and extremely short charging time ~22 min.
- Electronic controlled and monitoring of operation
- Integrated pressure measurement with visual and audible signals
- Evaluation function via optical interface and optional CT-USB adapter accessory and Panduit FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- One-button operation controls all tooling functions
- LED work light for workplace illumination
- Multifunction LED for maintenance display, battery charge status indicator and data transfer via CT-USB adapter & FINS software
- Can be operated as a corded tool using Panduit A/C adapters sold seperately see pg. E.15

CT-2600/L

CT-2600/LBC

Part Number	Part Description	Std. Pkg. Qty.
Crimping Tools		
CT-2600/L	4.0 Ton Battery Powered crimping tool Crimps Panduit ® tin and nickel plated #8 – 2 AWG high temperature large wire, non-insulated, vinyl and KYNAR** insulated ring terminals. 8 AWG - 300 kcmil copper Code lugs and splices. 6 AWG - 2/0 AWG dual rated aluminum lugs and splices Specifications: Crimping force – 4 tons (35kN) Dimensions: 13.25" (336.5) H x 4.5" (114) L x 2.87" (72.9) W with battery Weight 4.0 lbs (1.8 kg) with battery; Crimp cycle time = 3-4 seconds depending on cross-section Warranty: 2 years CT-2600/L includes: Tool with crimp head, two 18 V 2.0 Ah Makita* Li-On batteries, one 120 V battery charger and molded carrying case. Crimp dies not included. Crimp die part number listed below.	1
CT-2600/LINT	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type C Plug and molded carrying case. Crimp dies not included	1
CT-2600/LUK	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type G Plug and molded carrying case. Crimp dies not included	1
CT-2600/LAUS	4.0 Ton Battery Powered CE Approved crimping tool w/ two 3.0 Ah Makita* Li-On batteries, EU 230 V Charger with Type I Plug and molded carrying case. Crimp dies not included	1
CT-2600/TO	Bare 4.0 Ton Battery Powered Crimping Tool No batteries, charger or case	1

*Makita is a registered trademark of Makita Corporation. **KYNAR is a registered trademark of Atofina Chemicals, Inc.

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool (continued)

Part Number	Part Description	Std. Pkg. Qty.
Crimp Die Inserts		
CD-2600-P8	Used with CT-2600/L and CT-2600/LINT to install Panduit P8 and P8-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P6	Used with CT-2600/L and CT-2600/LINT to install Panduit P6 and P6-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P4	Used with CT-2600/L and CT-2600/LINT to install Panduit P4 and P4-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-P2	Used with CT-2600/L and CT-2600/LINT to install Panduit P2 and P2-HT6 series large wire, high temperature, non-insulated ring terminals.	1
CD-2600-PV8	Used with CT-2600/L and CT-2600/LINT to install Panduit PV8 and PK8 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV6	Used with CT-2600/L and CT-2600/LINT to install Panduit PV6 and PK6 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV4	Used with CT-2600/L and CT-2600/LINT to install Panduit PV4 and PK4 series large wire, vinyl and KYNAR** insulated ring terminals.	1
CD-2600-PV2	Used with CT-2600/L and CT-2600/LINT to install Panduit PV2 and PK2 series large wire, vinyl and KYNAR** insulated ring terminals.	1

** KYNAR is a registered trademark of Atofina Chemicals, Inc.

KC-4 and KA-4 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance

Part Number	Copper Code Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KC4-8	#8 AWG	Red	1
KC4-6	#6 AWG	Blue	1
KC4-4	#4 AWG	Gray	1
KC4-2	#2 AWG	Brown	1
KC4-1	#1 AWG	Green	1
KC4-1/0	1/0 AWG	Pink	1
KC4-2/0	2/0 AWG	Black	1
KC4-3/0	3/0 AWG	Orange	1
KC4-4/0	4/0 AWG	Purple	1
KC4-250	250 kcmil	Yellow	1
KC4-300	300 kcmil	White	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Part Number	Aluminum Lugs and Splices		Std. Pkg. Qty.
	Conductor Size	Die Color	
KA4-6	#6 AWG	Gray	1
KA4-4	#4 AWG	Green	1
KA4-2	#2 AWG	Pink	1
KA4-1	#1 AWG	Gold	1
KA4-1/0	1/0 AWG	Tan	1
KA4-2/0	2/0 AWG	Olive	1

See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Order number of pieces required, in multiples of Standard Package Quantity.

CT-2600/L Battery Powered Hydraulic, 4 Ton, Crimping Tool Accessories

A/C Adapters for BlackFin Battery Powered Tools

CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

Makita* Battery Chargers for BlackFin Battery Powered Tools

CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

*Makita is a registered trademark of Makita Corporation.

Makita* 18 V Lithium-Ion Rechargeable Batteries for BlackFin Tools

CT-LIBCMK3AH

Part Number	Part Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-On 18 V, 3.0 Ah Replacement Battery	1
CT-LIBCMK2AH	Makita* Li-On 18 V, 2.0 Ah Replacement Battery	1
CT-LIBCMK3AHINT	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-On 18 V, 3.0 Ah Replacement Battery (Austraila Use)	1

*Makita is a registered trademark of Makita Corporation.

FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface

CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Lithium-Ion Battery Powered, Hydraulic, 6.7 Ton, In-Line Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of tool and crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED work light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 2-5 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating, flip-top, crimping head, rotates 350 degrees
- Quick motor stop for user safety
- Automatic piston retraction when crimping is complete
- Manual retract operation if required
- Automatic position control sets position of piston for multiple crimpings
- Uses environmentally-friendly hydraulic oil, quickly biodegradable
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via CT-USB adapter & FINS software.
- Includes two Makita* 18 V Li-ion, 3.0 Ah batteries with fast 22 minute charge time and battery charger
- Approximately 300 crimps on a 300 kcmil (150mm^2) Copper Code lug per battery charge.
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-3001/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-3001/ST**	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Aluminum compression lugs for #6 AWG - 350 kcmil code conductor • Large Ferrules #1/0 AWG - 500 kcmil • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Copper compression S Series Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 240mm² class 2R conductor, 10mm² - 95mm² class 5f/6f Specifications: Crimp Force: 6.7 tons (60 kN) Number of crimps per battery charge: approx. 300 at 300 kcmil (150mm²) Copper Code lug Crimp Cycle: 2 s (for ARS) to 5 s (depending on cross-section) Charging Time: 22 mins Stroke: .69 inches (17.5mm) Jaw opening: 1.8" (45.7mm) Weight: 6.8 lbs (3.1 kg) with battery. Ambient Temperature: 14° to 104°F (-10°C to +40°C) Length: 16.8" (427 mm), Height: 4.6" (116 mm), Width: 3.0" (75 mm) Warranty: 2 years Tool includes: • Die adapter CD-3001/ST-DA for CD-2001 dies • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries. • One Makita* 120 V battery charger • Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*	1
	CT-3001/TO		Bare 6.7 Ton Battery Powered Crimping Tool No batteries, charger or case	1

Uses Panduit CD-2001 series, KC22-600B and KA22 series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. *Makita is a registered trademark of Makita Corporation.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Die Type, Lithium-Ion Battery Powered, Hydraulic, 6.7 Ton, In-Line Crimping Tool (continued)

CT-3001/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
International	**CT-3001/STINT**	230 V	6.7 Ton Battery Powered CE Approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case.	1
UK	**CT-3001/STUK**		6.7 Ton Battery Powered CE approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case	1
Australia	**CT-3001/STAUS**		6.7 Ton Battery Powered CE approved Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and Die adapter CD-3001/ST-DA for CD-2001 dies, heavy duty storage case	1

Uses Panduit CD-2001 series, KC22-600B and KA22 series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. *Makita is a registered trademark of Makita Corporation.

Accessories for CT-3001/ST Battery-Powered Hydraulic Crimping Tools

C -3001

Part Number	Part Description	Std. Pkg. Qty.
C-3001	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 6.7 Ton, In-Line Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of tool operation
- Universal tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 7-9 second crimp cycle
- Energy saving function with motor cut-out (autostop)
- Rotating, flip-top tool head rotates 350 degrees.
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract operation available if needed
- Manual retract stop with “teach in” sets position of piston for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter & FINS software
- Includes two Makita* 18 V Li-ion, 3.0 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on a 300 kcmil (150mm²) Copper Code lug per battery charge.
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-3001/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-3001/CCP**	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Aluminum compression lugs for #6 AWG - 350 kcmil code conductor • Large Ferrules #1/0 AWG - 500 kcmil • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Copper compression S Series Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 240mm² class 2R conductor, 10mm² - 95mm² class 5f/6f Specifications: Crimp Force: 6.7 tons (60 kN) Crimp Cycle: 7 s to 9 s (depending on cross-section) Number of crimps: approx. 300 at 300 kcmil (150mm²) Cu Cutting Range: max. 1" (25mm) dia. copper and aluminum cable, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. soft threaded rod. Punch Capacity: Can drive Greenlee Standard Slug-Buster® and Slug-Splitter® punches. up to 2" (50 mm) dia. conduit size in 10 ga. mild steel using Panduit CD-2001-PDA adapter. Charging Time: 22 mins Stroke: 1.06 inches (27mm) Jaw opening: 1.8" (45.7mm) Weight: 7.1 lbs (3.2 kg) Ambient Temperature: 14° to 104°F (-10°C to +40°C) Length: 17.5" (444 mm), Height: 4.6" (116 mm), Width 3.0" (75 mm) Warranty: 2 Years Tool includes: • UAW die adapter for CD-2001 dies. • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18V rechargeable batteries. • One Makita* 120 V Charger battery charger • Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*	1
	CT-3001/TO		Bare 6.7 Ton Battery Powered Crimping Tool No batteries, charger or case	1

Uses Panduit CD-2001 series, KC22-600B, KA22 and CD920-F series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. Panduit KC22-600B, KA22 and CD920-F crimp dies requires Panduit UA22 die adapter sold separately, see page E.21. Uses Panduit UC cutting blades and CD-2001-PDA punch driver adapter must be purchased separately, see page E.38. Panduit UC40 and UCACSR cutting blades requires Panduit UAM adapter sold separately, see page E.38. *Makita is a registered trademark of Makita Corporation.

Order number of pieces required, in multiples of Standard Package Quantity.

Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 6.7 Ton, In-Line Tool (continued)

CT-3001/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
International	**CT-3001/CCPINT**	230 V	CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and UAW die adapter for CD-2001 dies and Heavy-duty storage case for tool, batteries, charger and crimping dies	1
UK	**CT-3001/CCPUK**		CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and UAW die adapter for CD-2001 dies and Heavy-duty storage case for tool, batteries, charger and crimping dies.	1
Australia	**CT-3001/CCPAUS**		CE Approved, 6.7 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and UAW die adapter for CD-2001 dies Heavy-duty storage case for tool, batteries, charger and crimping dies	1

Uses Panduit CD-2001 series, KC22-600B, KA22 and CD920-F series color-coded crimping dies. Dies must be purchased separately, see page E.20 - E.21. Panduit KC22-600B, KA22 and CD920-F crimp dies requires Panduit UA22 die adapter sold separately, see page E.21. Uses Panduit UC cutting blades and CD-2001-PDA punch driver adapter must be purchased separately, see page E.38. Panduit UC40 and UCACSR cutting blades requires Panduit UAM adapter sold separately, see page E.38. *Makita is a registered trademark of Makita Corporation.

Accessories for CT-3001/CCP Battery-Powered Hydraulic Crimping Tools

C -3001CCP

Part Number	Part Description	Std. Pkg. Qty.
C-3001CCP	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

CD-2001 & KC22 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Die adapters for CD-2001 dies included with CT-3001/ST and CT-3001/CCP series tools
- CD-2001 dies provide a circumferential crimp results in terminations with premium electrical and mechanical performance

CD-2001

KC22-600B

Part Number	Terminates Panduit Copper Lugs and Splices Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX, LCDX, LCCX	Copper Metric Class 2R Conductor Size	Copper Metric Class 5f & 6f Conductor Size	Std. Pkg. Qty.
CD-2001-8	Red P21	#8 AWG	#8 AWG	10mm²	10mm² 16mm²	1
CD-2001-6	Blue P24	#6 AWG	#6 AWG	16mm²	—	1
CD-2001-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	25mm² 35mm²	25mm²	1
CD-2001-2	Brown P33	#2 AWG	#2 AWG	—	35mm²	1
CD-2001-1	Green P37	#1 AWG	#1 AWG	50mm²	50mm²	1
CD-2001-1/0	Pink P42	1/0 AWG	1/0 AWG	—	—	1
CD-2001-2/0	Black P45	2/0 AWG	2/0 AWG	70mm²	70mm²	1
CD-2001-3/0	Orange P50	3/0 AWG	3/0 AWG	—	95mm²	1
CD-2001-4/0	Purple P54	4/0 AWG	4/0 AWG	95mm²	—	1
CD-2001-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	120mm²	—	1
CD-2001-300	White P66	300 kcmil	—	150mm²	—	1
CD-2001-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	—	—	1
CD-2001-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	185mm²	—	1
CD-2001-500	Brown P87	500 kcmil	—	240mm²	—	1
KC22-600B*	Green	600 kcmil	—	—	—	1

* KC22 die provides hex style crimp, requires UA22 die adapter for use in CT-3001/CCP series tools see page E.21. See tool charts on pages E.47-95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Part Number	Copper Die Color and Die No.	Copper Tap	No. of Crimps	Std. Pkg. Qty.
CD-2001-8	Red P21	CTAPF10-16-C	1	1
CD-2001-6	Blue P24	CTAPF8-12-C	1	1
CD-2001-4	Gray P29	CTAPF6-12-C	1	1
CD-2001-2	Brown P33	CTAPF4-12-C	2	1
CD-2001-1	Green P37	CTAPF3-12-C	2	1
CD-2001-1/0	Pink P42	CTAPF2-12-C	2	1
CD-2001-2/0	Black P45	CTAPF1-12-C	3	1
CD-2001-3/0	Orange P50	CTAPF1/0-12-L	3	1
CD-2001-4/0	Purple P54	CTAPF2/0-12-Q	3	1
CD-2001-250	Yellow P62	CTAPF3/0-12-Q	3	1
CD-2001-BG	PBG	CTAP4-8-L	1	1
	PBG	CTAP4-6-L	1	
	PBG	CTAP4-4-L	1	
CD-2001-C	P-C	CTAP2-4-Q	2	1
	P-C	CTAP2-2-X	2	

See tool charts on pages E.92 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

KA22 Crimping Dies

- Color-coded to provide easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provide hex style crimp results in terminations with premium electrical and mechanical performance

Terminates Panduit LAA, LAB and SA Aluminum Lugs and Splices			Std. Pkg. Qty.
Part Number	**Conductor Size**	**Die Color**	
KA22-6	#6 AWG	Gray	1
KA22-4	#4 AWG	Green	1
KA22-2	#2 AWG	Pink	1
KA22-1	#1 AWG	Gold	1
KA22-1/0	1/0 AWG	Tan	1
KA22-2/0	2/0 AWG	Olive	1
KA22-3/0	3/0 AWG	Ruby	1
KA22-4/0	4/0 AWG	White	1
KA22-250	250 kcmil	Red	1
KA22-300	300 kcmil	Blue	1
KA22-350	350 kcmil	Brown	1

KA22 die provides hex style crimp, requires UA22 die adapter for use in CT-3001/CCP series tools see page E.21
See tool charts on pages E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Die Adapters for CT-3001/ST and CT-3001/CCP crimp tools

UAW

CD-3001/ST-DA

UA22

Part Number	Description	Std. Pkg. Qty.
UAW	Die Adapter for CD-2001 Type Dies used in CT-3001/CCP Tools (Normally included with CT-3001/CCP series tool)	1
CD-3001/ST-DA	Die Adapter for CD-2001 Type Dies used in CT-3001/ST Tools (Normally included with CT-3001/ST series tools)	1
UA22	Die Adapter for KC-22 & KA-22 Type Dies used in CT-3001/CCP Tools	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals not meeting full crimp pressure
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Open "C" head design with 1.65" opening, rotates 350 degrees.
- Ergonomic handle positioned at center of gravity for easy handling
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 8-9 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract operation if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, batter charge status indicator and for data transmission via USB adapter and FINS software downloadable from Panduit website.
- Uses environmentally-friendly hydraulic oil, biodegradable
- Includes two Makita* 18 V Li-ion, 3.0 Ah batteries with fast, 22 minute charge time and Makita* battery charger
- Approximately 115 crimps on 300 kcmil (150 mm²) copper lug per battery charge
- CT-2931/STCV tool available with 2-layer PVC covered crimp head
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-2931/ST

CT-2931/STCV

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2931/ ST CT-2931/ STCV**	120 V	Terminates Panduit compression connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 535 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor, 10mm² - 300mm² Class 5f/6f • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 - 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor Specifications: Output: 12 tons (108 kN) Crimp Cycle: 8-9 seconds Number of crimps: Aprx. 115 on 300 kcmil (150mm²) copper code lug Jaw opening: 1.65" (41.9mm) Weight: 15.9 lbs. (7.2 kg.) Length: 16.2" (412 mm), Height: 12.6" (319 mm), Width: 3.0" (75 mm) Ambient temperature 14°F - 104°F (-10°C to +40°C) Warranty: 2 years includes: • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries • One Makita* battery charger • One shoulder strap • Heavy-duty plastic storage case with crimp die compartments	1

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34-E.35. *Makita is a registered trademark of Makita Corporation.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Die Type, Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Crimping Tool (continued)

CT-2931/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2931/TO**		12 Ton (108kN)--Ton Battery Powered Crimping Tool, 1.65" Opening. Tool Only - No batteries, charger, shoulder strap or case	1
International	**CT-2931/STINT** **CT-2931/STINTCV**	230 V	CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies	1
UK	**CT-2931/STUK** **CT-2931/STUKCV**		CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies.	1
Australia	**CT-2931/STAUS** **CT-2931/STAUSCV**		CE Approved, 12 Ton Battery Powered Crimping Tool w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug and Heavy-duty storage case for tool, batteries, charger, shoulder strap and crimping dies	1

Uses Panduit CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34-E.35. *Makita is a registered trademark of Makita Corporation.

Accessories for CT-2931/ST Battery-Powered Hydraulic Crimping Tools

C-2931

Part Number	Part Description	Std. Pkg. Qty.
C-2931	Heavy-duty plastic carrying case for tool. 19.75"L (502mm) x 23.25"W (591mm) x 6.5"H (165mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1

CT-CSSP

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Uses Panduit CD-920 and CD-930, crimp dies or Panduit UA12ID nest/indenter adapter for dieless crimping
- Universal tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Ergonomic handle positioned at center of gravity for easy handling
- LED worklight for workplace illumination
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- 2-stage hydraulic system with fast feed and power stroke
- 3-5 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating, universal, flip-top head, rotates 350 degrees
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retract available if needed
- Manual retract stop with “teach in” sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Includes two Makita* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and Makita* battery charger
- Approximately 110 crimps on 300 kcmil (150mm^2) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-2920/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2920/ CCP**	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for 4 AWG - 750 kcmil code conductor UA12ID dieless indenter adapter accessory. • Copper compression lugs for #8 AWG – 535 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor, 10mm² - 300mm² Class 5f/6f • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 1/0 AWG code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 2 AWG code conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Aluminum compression lugs for #6 AWG - 600 kcmil code conductor with Panduit UA12ID dieless indenter adapter accessory. Specifications: Crimp Force: 12 tons (108kN) Crimp Cycle: 6-9 seconds Number of crimps: aprx. 110 on 300 kcmil (150mm^2) copper code lug Cutting Range: max. 1.5" (40mm) dia. copper & aluminum cable, 954 kcmil (Cardinal) ACSR, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. threaded rod. Punch Capacity: Can drive Greenlee standard Slug-Buster® and Slug-Splitter punches., 5-5/8" (144mm) diameter round in 10 ga. mild steel with Panduit CD-920-PDA punch driver adapter accessory. Charging Time: 22 mins Stroke: 1.65 inches (42mm) Jaw opening: 1.8" (45.7mm) Weight: 14.33 lbs. (6.5 kg) with battery Ambient Temperature: 14° to 104°F (-10°C to +40°C) Length: 19.5" (495.3mm), Height: 4.5" (114.3mm), Width: 2.88" (73mm) Warranty: 2 years Tool includes: • UA12TKL die adapter for Panduit CD-920 and CD-930 crimp dies • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries • One Makita* 120 V Charger battery charger • Heavy-duty storage case for tool, batteries, charger and crimping dies 18"L x 7"W x 14"H*	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35. Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38. *Makita is a registered trademark of Makita Corporation.

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Order number of pieces required, in multiples of Standard Package Quantity.

Die Type; Crimp, Cut, Punch, 3 in 1 Lithium-Ion Battery Powered Hydraulic, 12 Ton, Pistol Grip, Tool (continued)

CT-2920/CCP

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2920/CCPTO**		Bare 12 Ton Battery Powered Crimping Tool + Adapter UA12TKL for CD-920/930 dies. Tool only - No battery, no charger, no case.	1
International	**CT-2920/CCPINT**	230 V	CE approved, 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V charger with Type C Plug, and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case.	1
UK	**CT-2920/CCPUK**		CE approved 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V charger with Type G Plug and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case	1
Australia	**CT-2920/CCPAUS**		CE Approved, 12 Ton Battery Powered Crimping Tool, w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V charger with Type I Plug and adapter UA12TKL for CD-920/930 dies. Comes with carrying strap and heavy duty plastic case	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35. Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38. *Makita is a registered trademark of Makita Corporation.

Accessories for CT-2920/CCP Battery-Powered Hydraulic Crimping Tools

C-2920CCP

Part Number	Part Description	Std. Pkg. Qty.
C-2920CCP	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 9"H (227mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1

CT-CSSP

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Lithium-Ion Battery Powered Hydraulic, 15 Ton, Pistol Grip, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Open “C” head design with 2.0" (51 mm) opening, rotates 350 degrees.
- Ergonomic handle positioned at center of gravity for easy handling
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe operation
- Assist handle provided for attachment to crimp head for right or left handed use
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 10-12 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retraction available if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Uses environmentally-friendly hydraulic oil, biodegradable
- Includes two Makita* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and Makita* battery charger
- Approximately 50 crimps on 300 kcmil (150mm²) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-2940/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2940/ ST**	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 630mm² class 2R and, 10mm² - 300mm² Class 5f/6f metric conductor. • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor Specifications: Output: 15 tons (135 kN) Crimp Cycle: 10-12 seconds Number of crimps: Aprx. 50 on 300 kcmil (150mm²) copper code lug Jaw opening: 2" (50.8mm) Weight: 15.7 lbs. (7.1 kg.) Battery charge time: 22 mins Length: 16.2" (412 mm), Height: 12.6" (319 mm), Width: 2.9" (74 mm) Warranty: 2 years Tool includes: • CD-940-DAPT die adapter for Panduit CD-940 series crimp dies • Two Makita* 3.0 Ah high capacity lithium-ion 18 V rechargeable batteries • One Makita* 120 V battery charger • One shoulder strap • Plastic tool case with storage for tool, batteries, charger, shoulder strap and crimping dies	1

Uses Panduit CD-940 color-coded crimping dies. Dies must be purchased separately, see page E.37.
Uses Panduit CD-920 and CD-930 color-coded crimping dies with Panduit CD-940-920DA die adapter. Dies must be purchased separately, see page E.34 - E.35, E.37. *Makita is a registered trademark of Makita Corporation.

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Order number of pieces required, in multiples of Standard Package Quantity.

Die Type, Lithium-Ion Battery Powered Hydraulic, 15 Ton, Pistol Grip, Crimping Tool (continued)

CT-2940/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-2940/TO**		Bare 15 Ton Battery Powered Crimping Tool with CD-940-DAPT Die Adapter for CD-940 Dies. Tool only - No batteries, no charger, no case.	1
International	**CT-2940/STINT**	230 V	CE approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V EU Charger with Type G Plug w/ two 3.0 Ah Makita* Li-ion batteries,& CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	1
UK	**CT-2940/STUK**		CE Approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V British Charger with Type F Plug, w/ two 3.0 Ah Makita* Li-ion batteries, & CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	
Australia	**CT-2940/STAUS**		CE Approved, 15 Ton Battery Powered Crimping Tool, w/ 230 V British Charger with Type I Plug, w/ two 3.0 Ah Makita* Li-ion batteries, & CD-940-DAPT Die Adapter, shoulder strap and heavy duty tool case.	

Uses Panduit CD-940 color-coded crimping dies. Dies must be purchased separately, see page E.37.
Uses Panduit CD-920 and CD-930 color-coded crimping dies with Panduit CD-940-920DA die adapter. Dies must be purchased separately, see page E.34 - E.35, E.37. *Makita is a registered trademark of Makita Corporation.

Accessories for CT-2940/ST Battery-Powered Hydraulic Crimping Tools

C-2940

CT-CSSP

Part Number	Part Description	Std. Pkg. Qty.
C-2940	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Remote Hydraulic, 12 Ton, Crimp Head

- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Durable crimp head design tested to 50,000 cycle life.
- Open “C-Head” design allows easy loading of crimping dies and connectors, saves time
- Uses Panduit CD-920 and CD-930 color-coded crimping dies to provide easy matching of crimping die to connector
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice
- CT-920CH/CV crimp head available with 2-layer PVC coated crimp head

CT-920CH

Part Number	Part Description	Std. Pkg. Qty.
CT-920CH **CT-920CH/CV**	Terminates Panduit compression connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs for #8 AWG – 535 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor, and 10mm²- 300mm² class 5f/6f • StructuredGround™ Direct Burial Compression Grounding System connectors #6 AWG – 250 kcmil code conductor and select 500 kcmil conductor combinations • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 - 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor: • Recommended use with Panduit CT-902HP hydraulic pump and CT-900HPH 10’ hydraulic hose see page E.31 Specifications: Crimping Force: 12 tons (108kN) Jaw opening: 1.65" (42 mm) Weight: 10 lbs. (4.5 kg.) Length: 12.6" (320 mm) Height: 5.1" (129 mm) Width: 2.9" (74 mm) Ambient temperature: -4° F to 104° F (-20°C to +40°C) Warranty: 2 years Tool includes: • Heavy duty carrying bag	1

Uses CD-920 and CD-930 color-coded crimping dies. Dies must be purchased separately, see page E.34 - E.35.

Order number of pieces required, in multiples of Standard Package Quantity.

Die Type; Crimp, Cut, Punch, 3 in 1 Hydraulic , 12 Ton, Crimp Head

- Universal Tool design operates using crimp dies, wire and threaded rod cutting blades and hole punch adapter sold separately
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Durable crimp head design for long life.
- Universal flip-top head
- Uses Panduit CD-920 and CD-930, crimp dies or Panduit UA12ID nest/indenter adapter for dieless crimping sold separately see pages E.34 - E.35
- Dies installed using spring loaded die retention pins, no need for tools

CT-920CH/CCP

Part Number	Part Description	Std. Pkg. Qty.
CT-920CH/ CCP	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for 4 AWG - 750 kcmil code conductor UA12ID dieless indenter adapter accessory. • Copper compression lugs for #8 AWG – 535 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 AWG – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 400mm² class 2R conductor, 10mm² - 300mm² Class 5f/6f • StructuredGround ™ Direct Burial Compression Grounding System connectors #6 AWG – 1/0 AWG code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 2 AWG code conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Aluminum compression lugs for #6 AWG - 600 kcmil code conductor with Panduit UA12ID dieless indenter adapter accessory. Specifications: Crimp Force: 12 tons (108kN) Cutting Range: max. 1.5" (40mm) dia. copper & aluminum cable, 954 kcmil (Cardinal) ACSR, 5/8" dia. standard Guy strand, 1/2" dia. EHS Guy Strand, Ground Rod, and Rebar (schedule 60), 1/4", 3/8" and 1/2" dia. threaded rod. Punch Capacity: 5-5/8" (144mm) diameter round in 10 ga. mild steel using Standard Greenlee Slug-Buster ® and Slug-Splitter punches., with Panduit CD-920-PDA punch driver adapter accessory. Stroke: 1.65 inches (42mm) Jaw opening: 1.8" (45.7mm) Weight: 9.75 lbs. (4.4 kg) Length: 13.0" (330 mm), Height: 4.5" (114 mm), Width: 2.7" (69 mm) Warranty: 2 years Tool includes: • UA12TKL die adapter for Panduit CD-920 and CD-930 crimp dies • Heavy-duty bag for tool	1

Uses Panduit CD-920, CD-930 series color-coded crimping dies. Dies must be purchased separately, see page E.34-35. Panduit UA12ID dieless indenter adapter sold separately, see page E.35.
Uses Panduit UC cutting blades and CD-920-PDA punch driver adapter must be purchased separately, see page E.38.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Remote Hydraulic, 15 Ton, Crimp Head

- Incorporates Parker type quick-connect fittings to ease installation and save time
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- High quality, durable tool construction provides long-term dependability
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses Panduit CD-940, CD-930 and CD-920 color-coded crimping dies with die adapters.
- Includes Panduit CD-940-DAPT die adapter for use with Panduit CD-940 series crimp dies
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

CT-940CH

Part Number	Part Description	Std. Pkg. Qty.
CT-940CH	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs for #8 AWG – 777.7 kcmil flex conductor • Copper compression S Series, Tubular Terminals for #8 – 250 kcmil code conductor • Copper compression lugs and splices for 10mm² – 630mm² class 2R conductor and 10mm² to 300mm² Class 5f/6f conductor. • StructuredGround ™ Direct Burial Compression Grounding System connectors #6 AWG – 500 kcmil code conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor Use with Panduit CT-902HP hydraulic pump and CT-900HPH 10' hydraulic hose see page E.31. Specifications: Output: 15 tons (150 Kn) Jaw opening: 2" Weight: 13.7 lbs. (6.2 kg) Length: 15.0" (380 mm) Height: 5.3" (135 mm) Width: 3.0" (75 mm) Warranty: 2 years CT-940CH includes: • CD-940-DAPT die adapter for use with Panduit CD-940 series crimp dies. • Heavy duty carrying bag.	1

Uses color-coded CD-940 crimp dies sold separately see pages E.37.
Uses CD-920 and CD-930 color-coded crimping dies with CD-940-920-DA die adapter sold separately see page E.34 - E.35, E.37.

Order number of pieces required, in multiples of Standard Package Quantity.

Hydraulic Pump and Accessories, Electric, 10,000 PSI

- Develops 10,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-902RFS foot switch or CT-902RCH remote controlled handle
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 V operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads.

CT-902HP

CT-900HPH

CT-902RCH

CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP	Hydraulic pump. Develops 10,000 PSI output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Specifications: Pump output: 10,000 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 V 50/50Hz Current: 6.5 Amps Horsepower: 1/2 hp Weight: 34 lbs. Length: 7" Height: 14" Width: 6" Warranty: 1 year CT-902HP pump includes: • On/off pendant switch on 10' electric cord • Three prong A/C plug on 10' electric cord • Supplied with female Parker type quick-connect fitting assembled to pump	1
CT-900HPH	Electrically non-conductive 10' hose compatible with Panduit CT-902HP hydraulic pump, CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads. Hose supplied pre-filled with hydraulic fluid for fast start up. Supplied with two male Parker type quick-connect fittings. Warranty: 1 year.	1
CT-902RCH	Remote control handle provides plastic carrying handle incorporating on/off activation switch that allows operator to hold crimp head and activate CT-902HP hydraulic pump with one hand. Use with Panduit remote hydraulic crimp heads CT-920CH, CT-920CH/CCP, CT-940CH and CT-980CH crimp heads. Equipped with 3/8" Parker type quick-connect coupler for attaching crimp heads to Panduit CT-900HPH hydraulic hose. Includes a 10', three wire control cable that can be directly connected to the CT-902HP pump. Warranty: 1 year.	1
CT-902RFS	Dual electrical foot switch that allows convenient “hands free” operation of the Panduit CT-902HP or CT-902HP-5K electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 1 year.	1

*For information on crimp heads, see pages E.28-E.30, E.44.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Die Type, Remote Hydraulic, 7.7 Tons, Crimp Head

- Low pressure system extends life of crimp head for high volume crimping applications
- Develops 7.7 tons of crimping force when used with 5000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 600 kcmil Code conductor
- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction and low pressure hydraulic requirements provide long-term dependability and tool life
- Provides UL Listed and CSA Certified connections on Panduit® Pan-Lug™ Copper Lugs and Splices
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color-coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

Part Number	Part Description	Std. Pkg. Qty.
CT-930LPCH	Remote hydraulic crimp head provides UL Listed or Recognized terminations of Panduit® Pan-Lug™ Copper Compression Lugs and Splices for #8 AWG – 600 kcmil copper code conductor. Use with Panduit CT-902HP-5K hydraulic pump and CT-900LPHPH 10' hydraulic hose.* Specifications: Output: 7.7 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 1 year CT-930LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool	1

Uses CD-920 color-coded crimping dies. Dies must be purchased separately, see page E.34. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page E.33.
*For information on hydraulic pump and hose, see page E.33.

Order number of pieces required, in multiples of Standard Package Quantity.

Hydraulic Pump and Accessories, Electric, 5000 PSI

- Develops 5,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-902RFS foot switch
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 V operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with Panduit CT-930LPCH crimp heads

CT-902HP-5K

CT-900LPHPH

CT-902RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-902HP-5K	Hydraulic pump. Develops 5,000 psi output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900LPHPH hydraulic hose, CT-930LPCH crimp heads sold separately.* Specifications: Pump output: 5000 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 V 50/50Hz Current: 6.5 Amps Horsepower: 1/2 hp Warranty: 1 year Weight: 34 lbs. Length: 7" Height: 14" Width: 6" CT-902HP-5K pump includes: • On/off pendant switch on 10' electric cord • Three prong A/C plug on 10' electric cord • Supplied with male Parker type quick-connect fitting assembled to pump	1
CT-900LPHPH	Electrically non-conductive 10' hose compatible with Panduit CT-902HP-5K hydraulic pump and CT-930LPCH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two female Parker type quick-connect fittings. Warranty: 1 year.	1
CT-902RFS	Dual electrical foot switch that allows convenient “hands free” operation of the Panduit CT-902HP-5K electric hydraulic pumps used with Panduit remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to Panduit hydraulic pumps. Warranty: 1 year.	1

*For more information on crimp heads, see page E.32.

Pressure Gauges

- Provide easy visual reading of output force for hydraulic crimping tools
- Factory calibrated to provide accuracy and quality assurance control of crimping tools in the field
- Easy-to-read crimp force tolerance zone for applicable tools marked on gauge
- Blank dies for fixture supplied with test gauge for easy mounting and operation of gauge with crimping tool

PG-1

Part Number	Part Description	Std. Pkg. Qty.
PG-1	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit crimp heads, CT-902HP pump and CT-900HPH hose. Includes steel storage case. Warranty: 90 days.	1
PG-1SC	In-line pressure gauge provides visual identification of hydraulic output pressure when used with Panduit CT-930LPCH crimp heads, CT-902HP-5K pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days.	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

CD-920 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

CD-920

Part Number	Used to Install Panduit Compression Lug and Splice Sizes							Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size	
CD-920-8	Red P21	#8 AWG	#8 AWG	#8 AWG	10mm²	—	—	1
CD-920-6	Blue P24	#6 AWG	#6 AWG	#6 AWG	16mm²	—	—	1
CD-920-4	Gray P29	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG #5, #4, #3 AWG DLO flex	#4 AWG	25mm² 35mm²	Gray P29	#6 AWG	1
CD-920-2	Brown P33	#2 AWG	#2 AWG	#2 AWG	—	—	—	1
CD-920-1	Green P37	#1 AWG	#1 AWG	—	50mm²	Green P37	#4 AWG	1
CD-920-1/0	Pink P42	1/0 AWG	1/0 AWG	#1 AWG	—	Pink P42	#2 AWG	1
CD-920-2/0	Black P45	2/0 AWG	2/0 AWG	1/0 AWG	70mm²	Gold P45	#1 AWG	1
CD-920-3/0	Orange P50	3/0 AWG	3/0 AWG	2/0 AWG	—	Tan P50	1/0 AWG	1
CD-920-4/0	Purple P54	4/0 AWG	4/0 AWG	3/0 AWG	95mm²	Olive P54	2/0 AWG	1
CD-920-250	Yellow P62	250 kcmil	250 kcmil flex 262 kcmil flex	4/0 AWG	120mm²	Ruby P62	3/0 AWG	1
CD-920-300	White P66	300 kcmil	—	250 kcmil 262 kcmil	150mm²	White P66	4/0 AWG	1
CD-920-350	Red P71	350 kcmil	300 kcmil flex 313 kcmil flex	300 kcmil 313 kcmil	—	Red P71	250 kcmil	1
CD-920-400	Blue P76	400 kcmil	350 kcmil flex 373 kcmil flex	350 kcmil 373 kcmil	185mm²	Blue P76	300 kcmil	1
CD-920-500	Brown P87	500 kcmil	444 kcmil flex 450 kcmil flex	444 kcmil 450 kcmil	240mm²	Brown P87	350 kcmil	1
CD-920-600	Green P94	600 kcmil	—	—	300mm²	Green P94	400 kcmil	1
CD-920-500A	P99	500 kcmil	500 kcmil flex 535 kcmil flex 600 kcmil flex	500 kcmil 535 kcmil	—	Pink P99	500 kcmil	1
CD-920-750	Black P106	750 kcmil	—	646 kcmil	400mm²	Black P106	600 kcmil	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

CD-920 Crimping Dies (continued)

CD-920

Part Number	Used to Install Panduit Tap Part Numbers			Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	No. of Crimps	
CD-920H-6	Orange PH6	HTCT6X-6X-1	1	1
CD-920H-2	Brown PH2	HTCT2-2-1	1	1
CD-930H-250	Purple PH25	HTCT250-2-1, HTCT250-250-1	1	1
CD-920-BG	PBG	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	1	1
CD-920-C	PC	CTAP2-4-Q, CTAP2-2-X	1	1
CD-920-D3	PD3	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	1	1
CD-920-O	PO	CTAP2/0-2-X, CTAP2/0-2/0-X	1	1

See tool charts on pages E.94 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

CD-930G

Part Number	Used to Install StructuredGround™ Direct Burial Grounding Connector Part Numbers		Std Pkg. Qty.
	Copper Die Color and Die No.	Copper Tap	
CD-930G-1/0	Red PG10	GCE1/0-1/0, GCC6X61/0-1/0	1
CD-930G-250	Black PG25	GCE250-1/0, GCE250-250, GCC6X6250-1/0, GCC6X6250-250, GPC4H250-2	1
CD-930G-500	Blue PG50	GCE500-1/0, GCE500-250, GCC6X6500-1/0, GCC6X6500-250	1

See tool charts on pages E.91 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

UA12ID

UA12ID Dieless Indenter Adapter Used in CT-2920/CCP Series and CT-920CH/CCP tools			
Used to Install Panduit Compression Lug and Splice Sizes			
Part Number	**Copper Code Conductor Size**	**Aluminum Code Conductor Size**	**Std. Pkg. Qty.**
UA12ID	—	—	1
	—	#6 AWG	
	#4 AWG STR #3 AWG STR #2 AWG SOL	#4 AWG	
	#2 AWG	#2 AWG	
	#1 AWG	#1 AWG	
	1/0 AWG	1/0 AWG	
	2/0 AWG	2/0 AWG	
	3/0 AWG	3/0 AWG	
	4/0 AWG	4/0 AWG	
	250 kcmil	250 kcmil	
	300 kcmil	300 kcmil	
	350 kcmil	350 kcmil	
	400 kcmil	400 kcmil	
	500 kcmil	500 kcmil	
	600 kcmil	600 kcmil	
	750 kcmil	—	

See tool charts on pages E.50 - E.67, E.88 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Continues on next page

CD-920 Crimping Dies (continued)

UA12TKL

C-920DIE

Die Adapters for CT-2920/CCP series and CT-920CH/CCP tools

Part Number	Part Description	Std. Pkg. Qty.
UA12TKL	Adapter for CD-920 and CD-930 dies for CT-2920/CCP & CT-920CH/CCP tools (Normally included with tool)	1

Die Storage Case

Part Number	Part Description	Std. Pkg. Qty.
C-920DIE	Steel Die Carrying Case, Stores Up to 15: CD-920, CD-930, KC22, or KA22 die sets	1

Order number of pieces required, in multiples of Standard Package Quantity.

CD-940 Crimping Dies

- Color-coded for easy matching to color-coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

CD-940

Part Number	Used to Install Panduit Compression Lug and Splice Sizes							Std. Pkg. Qty.
	Copper Die Color and Die No.	Copper Code Conductor Size	Copper Code and Flex Conductor Size for LCAX, LCBX LCDX, LCCX	Copper Flex Conductor Size for LCAF, LCCF, SCSF	Copper Metric Class 2R Conductor Size	Aluminum Die Color and Die No.	Aluminum Code Conductor Size	
CD-940-750	Black P106	750 kcmil	—	646 kcmil	400mm²	—	—	1
CD-940-800	Orange P107	800 kcmil	—	777 kcmil	—	—	—	1
CD-940-1000	White P125	1000 kcmil	—	—	500mm² 630mm²	—	—	1
CD-940-750X	Yellow P115	—	777.7 kcmil flex	—	—	—	—	1
CD-940-750A	—	—	—	—	—	Red P125	750 kcmil	1
CD-940-800A	—	—	—	—	—	Gray P140	800 kcmil	1
CD-940-1000A	—	—	—	—	—	Brown P161	1000 kcmil	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

CD-940-920DA

CD-940-DAPT

Part Number	Part Description	Std. Pkg. Qty.
CD-940-920DA	Die adapter for CD-920 dies to be compatible with CT-940CH and CT-2940/ST tools	1
CD-940-DAPT	Die adapter for CD-940 dies (Normally included with CT-2940/ST and CT-940CH tools)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Cutting Blade and Punch Driver Accessories for CT-3001/CCP, CT-2920/CCP and CT-920CH/CCP tools

Cutting Blade Accessories for Rod

UCUNC12

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP	CT-2920/CCP CT-920CH/CCP
UCUNC14	Cutter blades for 1/4" threaded rod	1	X	X
UCUNC38	Cutter blades for 3/8" threaded rod	1	X	X
UCUNC12	Cutter blades for 1/2" threaded rod	1	X	X
UCM5	M5 Threaded Rod Cutter Blade	1	X	X
UCM6	M6 Threaded Rod Cutter Blade	1	X	X
UCM8	M8 Threaded Rod Cutter Blade	1	X	X
UCM10	M10 Threaded Rod Cutter Blade	1	X	X
UCM12	M12 Threaded Rod Cutter Blade	1	X	X

Wire Cutter Blades

UC26

UC40

UCACSR

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP *	CT-2920/CCP CT-920CH/CCP
UC26	Cutter Blades Aluminum & Copper wire 1.02"(26mm) Dia. Capacity	1	-	X
UC40	Cutter Blades Aluminum & Copper wire 1.57" (40mm) Dia. Capacity for CT-2920CCP and CT-920CH/CCP, 0.98" (26mm) Dia. Capacity with CT-3001/CCP	1	X	X
UCACSR	Cutter Blades for: 954 kcmil ACSR (Cardinal), 5/8" Standard Guy Strand, 1/2" EHS Guy Strand, 1/2" Ground Rod, 1/2" Rebar (Schedule 60)	1	X	X

* CT-3001/CCP series tools requires UAM adapter sold separately to accommodate cutter blades.

Adapter for CT-3001/CCP Tools for UC Cutting Blades

UAM

Part Number	Description	Std. Pkg. Qty.
UAM	Adapter for UC40 and UCACSR Cutting Blades used in CT-3001/CCP Tools	1

Punch Drive Adapter Accessories^

CD-920-PDA

Part Number	Description	Std. Pkg. Qty.	Use with Tools	
			CT-3001/CCP	CT-2920/CCP CT-920CH/CCP
CD-2001-PDA	Punch Drive Adapter, 2" (50mm) Max. Conduit Dia. Punch	1	X	-
CD-920-PDA	Punch Drive Adapter, 4" Max. Conduit Dia. Punch	1	-	X

^Can be used with Greenlee Standard Slug-Buster ® and Slug-Splitter punches.

Order number of pieces required, in multiples of Standard Package Quantity.

Uni-Die™ Quad-Point, Dieless, Manual Hydraulic, 6.2 Ton, Crimping Tool

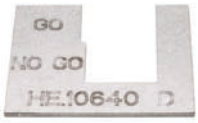
- Quad-point indent crimping feature with patented centering system, no dies required
- Cushioned grips prevent hands from slipping on tool, reduces fatigue
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- Audible "pop-off" valve indicates crimp completion
- Closed head with bolt interlock, flip top style, rotatable 360 degrees
- Light weight, high quality aluminum housing and crimp head, results in lightweight tool and ease of operation
- 2-stage hydraulic system with rapid advance, double action handle and power stroke
- Automatic retraction when operation is complete
- Manual retraction if needed.
- Uses environmentally-friendly hydraulic oil, biodegradable

CT-980

Part Number	Part Description	Std. Pkg. Qty.
CT-980	Manual hydraulic Uni-Die™ Dieless Crimping Tool provides UL Listed or Recognized and CSA Certified terminations of Panduit® Pan-Lugs™. Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor • Aluminum compression lugs and splices for #4 AWG - 500 kcmil Specifications: Output: 6.2 tons (55 kN) Jaw opening: 1.46" (37 mm) Weight: 9 lbs. (4.1 kg) Length: 20.7" (525 mm) Height: 7.9" (200 mm), Width: 2.9" (74 mm) Handle span: 15" (open), 5.75" (closed) Ambient temperature: 14°F - 104°F (-10°C to +40°C) Warranty: 2 years CT-980 includes: • Tool • Steel tool case • 10 solder slug gauges and Go/No-Go gauge for tool calibration	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Accessories for CT-980 Hydraulic Crimping Tools



CG-980SS

Part Number	Part Description	Std. Pkg. Qty.
CG-980SS	Tool calibration solder slugs (10 pieces) (Normally included with CT-980, CT-2980/ST and CT-980CH tools).	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Uni-Die™ Dieless, Lithium-Ion Battery Powered, In-Line, Hydraulic, 3.4 - 6.7 Ton, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to EN 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- 2-stage telescoping indenter identifies crimp force required for size of connector to be terminated
- Electronic control and monitoring of tool and crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- In-Line, balanced ergonomic tool design mitigates repetitive stress injuries to operators
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED work light for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 2-7 second crimp cycle time.
- Energy saving function with motor cut-out (autostop)
- Flip-top rotating crimping head 350 degrees
- Quick motor stop for user safety
- Automatic retraction when crimping is complete
- Manual retraction operation if needed
- Manual retract stop with “teach in” sets position of piston stop for multiple crimping operations.
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Includes two Makita* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on 300 kcmil (150mm^2) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-3980

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
N.A.	**CT-3980**	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #8 AWG – 600 kcmil code conductor • Copper compression lugs for #8 AWG – 373 kcmil flex conductor • Aluminum compression lugs for #6 AWG - 350 kcmil code conductor Specifications: Crimp Force: 3.4 to 6.7 tons Number of crimps: approx. 300 crimps on 300 kcmil (150mm^2) copper code lug Crimp Cycle: 2 s (for MRS) to 7 s (depending on cross-section) Charging Time: 22 mins Stroke: 1.4 inches Jaw opening: 1.8" (45.7mm) Weight: 6.0 lbs. (2.7 kg.) Ambient Temperature: 14° to 104°F (-10°C to +40°C) Length: 15.7" (398 mm), Height: 4.6" (116 mm), Width: (3.0" (75 mm) Warranty: 2 Years Tool includes: • Two Makita* 3.0 Ah, high capacity, lithium-ion, 18 V rechargeable batteries • One Makita* 120 V battery charger • Heavy-duty storage case for tool, batteries and charger 18"L x 7"W x 14"H*	1
	CT-3980/TO		Bare 3.4- 6.7 Ton Battery Powered Die-less indenter crimping tool. No batteries, charger or case.	1
International	**CT-3980/INT**	230 V	3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE Approved w/ two 3.0 Ah Makita* Li-ion batteries, EU 230 V Charger with Type C Plug, Heavy-duty storage case.	1
UK	**CT-3980/UK**		3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE approved w/ two 3.0 Ah Makita* Li-ion batteries, British 230 V Charger with Type G Plug, Heavy-duty storage case.	1
Australia	**CT-3980/AUS**		3.4 - 6.7 Ton Battery Powered Die-less Indenter Crimping Tool, CE approved w/ two 3.0 Ah Makita* Li-ion batteries, Australian 230 V Charger with Type I Plug, Heavy-duty storage case.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations. *Makita is a registered trademark of Makita Corporation.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

Uni-Die™ Dieless, Lithium-Ion Battery Powered, In-Line, Hydraulic, 3.4 - 6.7 Ton, Crimping Tool (continued)

Accessories for CT-3980 Battery-Powered Hydraulic Crimping Tools

C-3980

Part Number	Part Description	Std. Pkg. Qty.
C-3980	Heavy-duty plastic carrying case for tool. 19.25"L (489mm) x 23"W (584mm) x 7"H (178mm)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Uni-Die ™ Quad-Point, Dieless, Lithium-Ion Battery Powered Hydraulic, 6.2 Ton, Pistol Grip, Crimping Tool

- Meets OSHA mandated electrical and mechanical product safety requirements
  Meets requirements of safety for handheld, motor operated electric tools (UL 60745-1 and CSA No. 60745-1)
- Meets requirements of EU machinery directive and EMC directive
  Certified to SiQ to IEC/EN 62841-1, tested to ENV 61000 series
- Meets ISO 12100, Machinery Safety Risk Assessment, including ergonomics
- Electronic control and monitoring of crimping operation
- Integrated pressure measurement with visual and audible signals if full crimp force is not attained
- Evaluation function via optical interface and optional CT-USB adapter accessory and FINS software downloadable from Panduit website (Pgs. E.11-E.12)
- Quad-point indent crimping feature with patented centering system, no dies required
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost
- High quality aluminum crimp head, results in lightweight tool and ease of operation
- Ergonomic handle positioned at center of gravity for easy handling
- Ergonomic 2-component plastic housing with soft inlays for comfortable and safe one-hand operation
- One-button operating concept for controlling all tool functions
- LED worklight for workplace illumination
- 2-stage hydraulic system with rapid advance and power stroke, 3-6 second crimp cycle time
- Energy saving function with motor cut-out (autostop)
- Rotating flip-top crimp head, rotates 350 degrees
- Quick motor stop for high user safety
- Automatic retraction when crimping is complete
- Manual retraction operation if needed
- Automatic position control sets piston stop for multiple crimping operations
- Multi-function LED for maintenance display, battery charge status indicator and for data transmission via USB adapter
- Uses environmentally-friendly hydraulic oil, quickly biodegradable
- Includes two Makita* 18 V Li-ion, 3 Ah batteries with fast, 22 minute charge time and battery charger
- 300 crimps on 300 kcmil (150mm^2) copper code lug per battery charge
- Can be operated as a corded tool using Panduit A/C adapters sold separately see page E.45

CT-2980/ST

Region	Part Number	Charger Voltage	Part Description	Std. Pkg. Qty.
USA	CT-2980/ST	120 V	Terminates Panduit Compression Connectors: • Copper compression lugs and splices for #4 AWG – 750 kcmil code conductor • Aluminum compression lugs and splices for #4 AWG – 500 kcmil code conductor Specifications: Output: 6.2 tons (55 kN) Crimping Cycle: 3 s to 6 s (depending on cross-section) Charging Time: 22 minutes Number of crimps: approx. 300 at 300 kcmil Cu. Code Jaw opening: 1.50" (38.1mm) Weight: 10.8 lbs. (4.9 kg) with battery Length: 15.7" (400 mm), Height: 13.5" (344 mm), Width: 3" (75 mm) Ambient Temperature: 10.4° F to 104° F (-12°C to +40°C) Warranty: 2 years Tool includes: • Two Makita* 3.0 Ah high capacity lithium-ion 18 V rechargeable batteries • One Makita* 120 V battery charger • One shoulder strap • Heavy-duty plastic storage case with storage for tool, batteries, and charger. •10 solder slug gauges and Go/No-Go gauge	1
	CT-2980/TO		Uni-Die™ 6.2 Ton, Quad-Point Battery Powered , Flip-Top Head Dieless, Tool only - No battery, no charger, no case.	
International	CT-2980/STINT	230 V	CE Approved, Uni-Die™ 6.2 Ton,Quad-Point battery Powered Tool, Flip-Top Head Dieless, 120 V Charger,w/ two 3.0 Ah Makita* Li-ion batteries, Comes with carrying strap and plastic storage case.	1
UK	CT-2980/STUK		CE Approved, Uni-Die™ 6.2 Ton, Quad-Point battery Powered Tool, Flip-Top Head Dieless, 230 V British Charger w/ two 3.0 Ah Makita* Li-ion batteries. Comes with carrying strap and plastic storage case.	1
Australia	CT-2980/STAUS		CE Approved, Uni-Die™ 6.2 Ton, Quad-Point battery Powered Tool, Flip-Top Head Dieless, 230 V Australian Charger w/ two 3.0 Ah Makita* Li-ion batteries. Comes with carrying strap and plastic storage case.	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations. *Makita is a registered trademark of Makita Corporation.

Order number of pieces required, in multiples of Standard Package Quantity.

Accessories for CT-2981/ST Battery-Powered Hydraulic Crimping Tools

C-2980

CT-CSSP

Part Number	Part Description	Std. Pkg. Qty.
C-2980	Heavy-duty plastic carrying case for tool. 19.75"L (502mm) x23.25"W (591mm) x 6.5"H (165mm)	1
CT-CSSP	Padded leather shoulder strap	1
CT-CS	Standard fabric shoulder strap (normally included with tool)	1
CG-980SS	Tool calibration solder slugs (10 pieces)	1

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Uni-Die ™ Quad-Point, Dieless, Remote Hydraulic, 6.2 Ton, Crimp Head

- Quad-point indent crimping feature with patented centering system, no dies required
- Requires 10,000 psi hydraulic pump system. Panduit CT-902HP pump and accessories available see page E.31
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Light weight due to high quality aluminum crimp head, results in lightweight tool and ease of operation
- Closed head with bolt interlock, flip top style.
- Provides UL Listed and CSA Certified wire range-taking capability on Panduit® Pan-Lug™ Copper Lugs and Splices, minimizes connector inventory and saves cost

CT-980CH

Part Number	Part Description	Std. Pkg. Qty.
CT-980CH	Remote hydraulic Uni-Die™ dieless crimp head provides UL Listed or Recognized and CSA Certified terminations of Panduit® • Pan-Lug™ Copper Compression Lugs and Splices for #4 AWG – 750 kcmil copper code conductor. • Pan-Lug™ Aluminum compression lugs and splices for #4 AWG – 500 kcmil code conductor Use with Panduit CT-902HP hydraulic pump and CT-900HPH 10' hydraulic hose see page E.31. Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 6.2 lbs. (2.8 kg.) Length: 12.6" (321 mm) Height: 5.2" (132 mm) Width: 2.9" (74 mm) Warranty: 2 years CT-980CH includes: • Heavy duty carrying bag • 10 solder slug gauges and Go/No-Go gauge	1

See tool charts on pages E.47 - E.95 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Accessories for CT-980 Hydraulic Crimping Tools

CG-980SS

Part Number	Part Description	Std. Pkg. Qty.
CG-980SS	Tool calibration solder slugs (10 pieces) (Normally included with tool)	1

Order number of pieces required, in multiples of Standard Package Quantity.

A/C Adapters for BlackFin Battery Powered Tools

CT-120ADP

Part Number	Description	Std. Pkg. Qty.
CT-120ADP	120 V Adapter with Type A Plug	1
CT-230INTADP	230 V EU Adapter with Type C Plug	1
CT-230UKADP	230 V UK Adapter with Type G Plug	1
CT-230AUSADP	230 V AUS Adapter with Type I Plug	1

Makita* Battery Chargers for BlackFin Battery Powered Tools

CT-CHRMK120V

Part Number	Description	Std. Pkg. Qty.
CT-CHRMK120V	120 V Charger for 18 volt Battery Makita* with Type A Plug (North America only)	1
CT-CHRMK230VINT	230 V Charger for 18 volt Makita* Battery with Type C Plug	1
CT-CHRMK230VUK	230 V Charger for 18 volt Makita* Battery with Type G Plug	1
CT-CHRMK230VAUS	230 V Charger for 18 volt Makita* Battery with Type I Plug	1

* Makita is registered trademark of Makita Corporation.

Makita* 18 V Lithium-Ion Rechargeable batteries for BlackFin Tools

CT-LIBCMK3AH

Part Number	Description	Std. Pkg. Qty.
CT-LIBCMK3AH	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (America's-shipped from Greenlee)	1
CT-LIBCMK3AHINT	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (International Use)	1
CT-LIBCMK3AHUK	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (UK Use)	1
CT-LIBCMK3AHAUS	Makita* Li-ion 18 V, 3.0 Ah Replacement Batteries (Austraila Use)	1

* Makita is registered trademark of Makita Corporation.

FINS System and IR USB Reader

- The FINS System is built in and self-monitoring
- Audible signal after incorrect crimps helps identify problems earlier
- Project programming helps evaluate and report data
- Simple connection between tool and computer with optical USB interface
- Download the free software at www.panduit.com/blackfin

CT-USB

Part Number	Description	Std. Pkg. Qty.
CT-USB	InfraRed Tool reader, USB 2.0 plug with 71" (1.8 meter) cable	1

Cable Stripping Tool for Large Cable Sizes

- Provides safe and easy stripping of cable insulation for cables 3/16" to 1 9/16" diameter
- Cutting blade provides circular, spiral, and in-line insulation cutting
- Spiral cut mode, tough/hard insulations peel off easily
- In-line cut mode for use with softer insulation like neoprene
- Unique blade profile for long life, low friction stripping of difficult insulations like rubber and silicon
- Cutting blade easily adjusts to proper height to cut insulation without nicking conductor strands
- Ergonomic shape for safe comfortable use
- Compact design
- Easy-fit replacement blade, one spare blade included with tool

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST114-157	0.18" – 1.57"	Cable stripping tool for stripping insulation from cables 3/16" to 1 9/16" diameter. Includes replacement cutting blade. Warranty: 90 days	1
CST114-157B	—	Blade replacement kit for CST114-157 cable stripping tool.	1

Wire and Cable Stripping Tools

- Strips and cuts #20 – #10 AWG wire
- Lightweight and durable for comfortable long use
- Rust resistant coating included to improve durability of tool

CST101

CST115

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST101	#20 – #10 AWG	V notch wire stripper.	1
CST115	#20 – #10 AWG	Plier nose wire stripper.	1

Cable Cutting Tools

- Designed with optimal force transmission ratio and stepwise cutting to allow for one-hand operation
- Ergonomically formed, soft handle grips provide easy operation without fatigue
- All parts made of high-tempered special steel; blades and stressed parts are specially tempered or hardened for long term durability
- Not for use with steel and ASCR cable

CCT-500

CCT-320

Part Number	Part Description	Std. Pkg. Qty.
CCT-500	Ratchet cable cutting tool cuts both copper and aluminum solid code and stranded flex cables (AL & CU cable to 1000MCM) up to 2 -1/32" (52mm) diameter. Approximate dimensions 14" (356mm) x 5-1/2" (140mm) x 1" (25.4mm). Tool weight 29.6 oz. (840 g). Warranty: 1 year.	1
CCT-320	Ratchet cable cutting tool cuts both copper and aluminum solid code cables (AL cable to 600MCM and CU cable to 500MCM) from 1/4" (6mm) to 1" (25mm) and stranded flex cables from 1/4" (6mm) to 1-1/4" (32mm) diameter. Approximate dimensions 10" (254mm) x 3-3/4" (95mm) x 1" (25.4mm). Tool weight 21 oz. (600 g). Warranty: 1 year.	1

Order number of pieces required, in multiples of Standard Package Quantity.

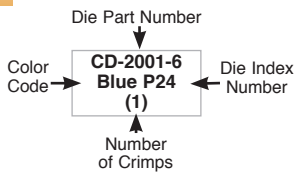
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types S

How to read this chart

For S6 lug and CT-3001/ST crimping tool:



			Panduit (See Compression Connector Tools Selection Guide, Pages E.3)						
			CT-1700①	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/ LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
Panduit Part Number	**Std. Wire Size**	**Wire Strip Length (in.)**	**Panduit Die Part Number Die Index Number (Number of Crimps)**						
S8	#8 AWG	7/16	P21 (2)	CD-720-1 P21 (1)	KC4-8 Red (1)	CD-2001-8 P21 (1)	CD-920-8 P21 (1)	—	STD (1)
S6	#6 AWG	1/2	P24 (2)	CD-720-1 P24 (1)	KC4-6 Blue (1)	CD-2001-6 P24 (1)	CD-920-6 P24 (1)	—	STD (1)
S4	#4 AWG	1/2	P29 (2)	CD-720-1 P29 (1)	KC4-4 Gray (1)	CD-2001-4 P29 (1)	CD-920-4 P28 (1)	STD (1)	STD (1) #4 AWG STR, #2 AWG SOL
S2	#2 & #1 AWG	5/8	P37 (3)	CD-720-2 P37 (1)	KC4-2 Brown (1)	CD-2001-1 P37 (1)	CD-920-1 P37 (1)	STD (1)	STD (1)
S1/0	1/0 AWG	5/8	—	CD-720-2 P42 (1)	KC4-1/0 Pink (1)	CD-2001-1/0 P42 (1)	CD-920-1/0 P42 (1)	STD (1)	STD (1)
S2/0	2/0 AWG	11/16	—	CD-720-2 P45 (2)	KC4-2/0 Black (2)	CD-2001-2/0 P45 (2)	CD-920-2/0 P45 (1)	STD (1)	STD (1)
S3/0	3/0 AWG	7/8	—	CD-720-2 P50 (2)	KC4-3/0 Orange (2)	CD-2001-3/0 P50 (2)	CD-920-3/0 P50 (1)	STD (1)	STD (1)
S4/0	4/0 AWG	15/16	—	CD-720-3 P54 (2)	KC4-4/0 Purple (2)	CD-2001-4/0 P54 (2)	CD-920-4/0 P54 (1)	STD (1)	STD (1)
S250	250 kcmil	1-1/16	—	CD-720-3 P62 (2)	KC4-250 Yellow (2)	CD-2001-250 P62 (2)	CD-920-250 P62 (1)	STD (1)	STD (1)

①The CT-1700 crimp die pockets are integrated into the tool frame.
③CD-920 dies can be used with CT-940CH series and CT-2940 series tools with die adapter.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

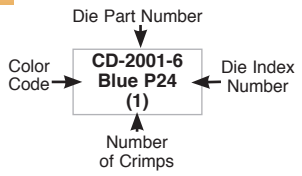
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAS and SCSS

How to read this chart

For LCA6 lug and CT-3001/ST crimping tool:



			Panduit (See Compression Connector Tools Selection Guide, Pages E.3)							
Panduit Part Number **L=Lug** **S=Splice**	**Std. Wire Size**	**Wire Strip Length (in.)**	**CT-1700①**	**CT-720**	**CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO**	**A** **See Tool List Below**	**B** **See Tool List Below**	**CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die**	**C** **See Uni-Die™ Dieless Tools Below**	**CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool**
LCAS8	#8 AWG	1/2	Red P21 (2)	CD-720-1 Red P21 (1)	KC4-8 Red (1)	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	—	—	STD (1)
SCSS8		7/16								
LCAS6	#6 AWG	9/16	Blue P24 (2)	CD-720-1 Blue P24 (1)	KC4-6 Blue (1)	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	—	STD (1)
SCSS6		7/16								
LCAS4	#4 AWG	5/8	Gray P29 (2)	CD-720-1 Gray P29 (1)	KC4-4 Gray (1)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	STD (1)	STD (1)	STD (1)
SCSS4		7/16								
LCAS2	#2 AWG	5/8	Brown P33 (2)	CD-720-1 Brown P33 (1)	KC4-2 Brown (1)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)	STD (1)	STD (1)	STD (1)
SCSS2		9/16								
LCAS1	#1 AWG	11/16	Green P37 (3)	CD-720-2 Green P37 (1)	KC4-1 Green (1)	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	STD (1)	STD (1)	STD (1)
SCSS1										
LCAS1/0	1/0 AWG	3/4	—	CD-720-2 Pink P42 (1)	KC4-1/0 Pink (1)	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	STD (1)	STD (1)	STD (1)
SCSS1/0		11/16								
LCAS2/0	2/0 AWG	3/4	—	CD-720-2 Black P45 (2)	KC4-2/0 Black (2)	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)	STD (1)	STD (1)	STD (1)
SCSS2/0										
LCAS3/0	3/0 AWG	7/8	—	CD-720-2 Orange P50 (2)	KC4-3/0 Orange (2)	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	STD (1)	STD (1)	STD (1)
SCSS3/0		3/4								
LCAS4/0	4/0 AWG	1	—	CD-720-3 Purple P54 (2)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	STD (1)	STD (1)	STD (1)
SCSS4/0		13/16								
LCAS250	250 kcmil	1-1/8	—	CD-720-3 Yellow P62 (2)	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	STD (1)	STD (1)	STD (1)
SCSS250		1-1/16								

①The crimp die pockets are integrated into the tool frame.
③CD-920 dies can be used with CT-940CH series and CT-2940 series tools with die adapter.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-980LPCH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAS and SCSS

Thomas & Betts							Burndy				Anderson	Penn-Union	Greenlee
TBM20S, TBM25S	TBM5	TBM6, TBM6S, TBM8, 25000	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-I, TBM8-750, TBM8-750BSCR, TBM750BSCR④	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MRTC, Y1MR	MY29	Y35,Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750-2, Y750BH, Y750BH-2, Y750HS, PAT750, BAT750, BAT35	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Red 21 (2)	Red 21 (1)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)	Red (2)	#8 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)	Blue (2)	#6 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)	Grey (2)	#4 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Brown 33 (2)	Brown 33 (2)	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	Brown (2)	#2 (1)	U2CRT Brown 10 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Pink 42 (1)	Pink 42 (1)	Pink 42 (1)	Pink 42H② (2)	STD (1)	Pink 42H② (2)	—	1/0 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Black 45 (2)	Black 45 (2)	Black 45 (1)	Black 45 (1)	STD (1)	Black 45 (1)	—	2/0 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Orange 50 (2)	Orange 50 (2)	Orange 50 (1)	Orange 50 (1)	STD (1)	Orange 50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)	Purple 54H② (2)	STD (1)	Purple 54H② (2)	—	4/0 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
—	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)	Yellow 62 (1)	STD (1)	Yellow 62 (1)	—	250 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	—	STD (1)

②Half width dies.
④Minimum size: #4 AWG lugs and splices.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

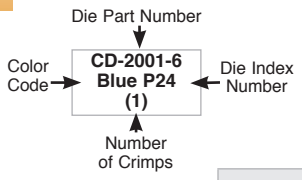
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

How to read this chart

For LCA6 lug and CT-3001/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)						
			CT-1570	CT-1701①	CT-2300/ST CT-2300/STINT CT-2300/STAUS CT-2300/STUK CT-2300/TO	CT-600A	CT-1700①	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
LCA10 **LCD10**	#14 – #10 AWG STR, #12 – #10 AWG SOL	7/16	12-10 (1)	P10 (1)	CD-570 12-10 (1)	CT-570CH 12-10 (1)	—	—	—
LCA8 **LCAN8** **LCD8** **LCDN8**	#8 AWG	5/8	—	—			Red P21 (2)	CD-720-1 Red P21 (1)	KC4-8 Red (1)
SCS8		11/16							
LCA6 **LCAN6** **LCD6** **LCDN6**	#6 AWG	7/8	—	—			Blue P24 (2)	CD-720-1 Blue P24 (1)	KC4-6 Blue (1)
SCS6		13/16							
LCA4 **LCAN4** **LCD4** **LCDN4**	#4 – #3 AWG STR, #2 AWG SOL	7/8	—	—			Gray P29 (2)	CD-720-1 Gray P29 (1)	KC4-4 Gray (1)
SCS4		13/16							
LCA2 **LCAN2** **LCD2** **LCDN2**	#2 AWG	15/16	—	—			Brown P33 (2)	CD-720-1 Brown P33 (1)	KC4-2 Brown (1)
SCS2		7/8							
LCA1 **LCAN1** **LCD1** **LCDN1**	#1 AWG	15/16	—	—			Green P37 (3)	CD-720-2 Green P37 (1)	KC4-1 Green (1)
SCS1		7/8							
LCA1/0 **LCAN1/0** **LCD1/0** **LCDN1/0**	1/0 AWG	1	—	—			—	CD-720-2 Pink P42 (1)	KC4-1/0 Pink (1)
SCS1/0		7/8							
LCA2/0 **LCAN2/0** **LCD2/0** **LCDN2/0**	2/0 AWG	1-1/16	—	—			—	CD-720-2 Black P45 (2)	KC4-2/0 Black (2)
SCS2/0		15/16							
LCA3/0 **LCAN3/0** **LCD3/0** **LCDN3/0**	3/0 AWG	1-3/16	—	—			—	CD-720-2 Orange P50 (2)	KC4-3/0 Orange (2)
SCS3/0		1							

① The crimp die pockets are integrated into the tool frame.
③ CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.
⑤ Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥ Maximum size: 250 kcmil lugs and splices. No extended wire range.
⑦ Maximum size: 600 kcmil lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)				
Panduit Part Number L=Lug S=Splice	**A** See Tool List Above	**B** See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	**C** See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCA10 LCD10	—	—	—	—	—
LCA8 LCAN8 LCD8 LCDN8	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	—	—	STD (1)
SCS8					
LCA6 LCAN6 LCD6 LCDN6	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	—	STD (1)
SCS6					
LCA4 LCAN4 LCD4 LCDN4	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	STD (1)	#4 – #2 AWG #2 AWG SOL Only (1)	STD (1)
SCS4					
LCA2 LCAN2⑨ LCD2 LCDN2	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)	STD (1)	#6 – #2 AWG (1)	STD (1)
SCS2					
LCA1 LCAN1 LCD1 LCDN1	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	STD (1)	#6 – #1 AWG (1)	STD (1)
SCS1					
LCA1/0 LCAN1/0 LCD1/0 LCDN1/0	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	STD (1)	#6 – 1/0 AWG (1)	STD (1)
SCS1/0					
LCA2/0 LCAN2/0 LCD2/0 LCDN2/0	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	STD (1)	#4 – 2/0 AWG (1)	STD (1)
SCS2/0					
LCA3/0 LCAN3/0 LCD3/0 LCDN3/0	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	STD (1)	#2 – 3/0 AWG (1)	STD (1)
SCS3/0					

① The crimp die pockets are integrated into the tool frame. ③ CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ⑤ Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥ Maximum size: 250 kcmil lugs and splices. No extended wire range. ⑦ Maximum size: 600 kcmil lugs and splices.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH⑦, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-980LPCH⑥, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

	Thomas & Betts					
Panduit Part Number L=Lug S=Splice	TBM20S, TBM25S	TBM6, TBM6S, 25000, TBM5, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCA10 LCD10	—	—	—	—	—	—
LCA8 LCAN8 LCD8 LCDN8 SCS8	Red 21 (2)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)
LCA6 LCAN6 LCD6 LCDN6 SCS6	Blue 24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
LCA4 LCAN4 LCD4 LCDN4 SCS4	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
LCA2 LCAN2⑨ LCD2 LCDN2 SCS2	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
LCA1 LCAN1 LCD1 LCDN1 SCS1	—	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
LCA1/0 LCAN1/0 LCD1/0 LCDN1/0 SCS1/0	—	Pink 42 (1)	Pink 42 (1)	Pink 42H② (2)	STD (1)	Pink 42H② (2)
LCA2/0 LCAN2/0 LCD2/0 LCDN2/0 SCS2/0	—	Black 45 (2)	Black 45 (1)	Black 45 (1)	STD (1)	Black 45 (1)
LCA3/0 LCAN3/0 LCD3/0 LCDN3/0 SCS3/0	—	Orange 50 (2)	Orange 50 (1)	Orange 50 (1)	STD (1)	Orange 50 (1)

② Half width dies.
⑦ Requires U die adapter.
⑧ Minimum size: #4 AWG lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

	Burndy					Anderson	Penn-Union	Greenlee
Panduit Part Number L=Lug S=Splice	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCA10 LCD10	—	—	—	—	—	—	—	—
LCA8 LCAN8 LCD8 LCDN8 SCS8	Red 49 (1)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
LCA6 LCAN6 LCD6 LCDN6 SCS6	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
LCA4 LCAN4 LCD4 LCDN4 SCS4	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
LCA2 LCAN2 LCD2 LCDN2 SCS2	Brown 10 (2)	#2 (1)	U2CRT Brown 9 [solid] / Brown 10 [stranded] (1)	U2CRT Brown 9 [solid] / Brown 10 [stranded] (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA1 LCAN1 LCD1 LCDN1 SCS1	—	#1 (1)	U1CRT Green 11 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA1/0 LCAN1/0 LCD1/0 LCDN1/0 SCS1/0	—	1/0 (1)	U25RT Pink 12 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA2/0 LCAN2/0 LCD2/0 LCDN2/0 SCS2/0	—	2/0 (1)	U26RT Black 13 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA3/0 LCAN3/0 LCD3/0 LCDN3/0 SCS3/0	—	3/0 (1)	U27RT Orange 14 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)

⑦ Requires U die adapter.

A. Cable Ties
B. Stainless Steel
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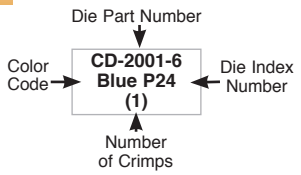
Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

How to read this chart

For LCA6 lug and CT-3001/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3) CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below
			Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0	4/0 AWG	1-1/4	CD-720-3 Purple P54 (2)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
SCS4/0		1				
LCA250 LCAN250 LCD250 LCDN250	250 kcmil	1-5/16	CD-720-3 Yellow P62 (2)	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
SCS250		1-1/16				
LCA300 LCAN300 LCD300 LCDN300	300 kcmil	1-1/2	CD-720-4 White P66 (2)	KC4-300 White (2)	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
SCS300		1-1/16				
LCA350 LCAN350 LCD350 LCDN350	350 kcmil	1-1/2	CD-720-5 Red P71 (2)	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)
SCS350		1-1/8				
LCA400 LCAN400 LCD400 LCDN400	400 kcmil	1-9/16	CD-720-6 Blue P76 (2)	—	CD-2001-400 Blue P76 (3)	CD-920-400 Blue P76 (2)
SCS400		1-3/16				
LCA500 LCAN500 LCD500 LCDN500	500 kcmil	1-13/16	CD-720-7 Brown P87 (2)	—	CD-2001-500 Brown P87 (3)	CD-920-500 Brown P87 (2)
SCS500		1-3/8				
LCA600 LCAN600 LCD600 LCDN600	600 kcmil	1-13/16	—	—	***KC22-600B Green (2)	CD-920-600 Green P94 (2)
SCS600		1-3/8				
LCA750 LCAN750 LCD750 LCDN750	750 kcmil	1-15/16	—	—	—	CD920-750 CD-940-750④ Black P106 (2)
SCS750		1-5/8				
LCD1000	1000 kcmil	1-15/16	—	—	—	CD-940-1000④ White P125 (4)
SCS1000		1-7/8				

①The crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools. ⑤Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥Maximum size: 250 kcmil lugs and splices. No extended wire range. ⑦ Maximum size: 600 kcmil lugs and splices. ***KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH⑦, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

Panduit Part Number L=Lug S=Splice	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)		
	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
	Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0	STD (1)	1 – 4/0 AWG (1)	STD (1)
SCS4/0			
LCA250 LCAN250 LCD250 LCDN250	STD (1)	1/0 AWG – 250 kcmil (2)	STD (1)
SCS250			
LCA300 LCAN300 LCD300 LCDN300	STD (1)	2/0 AWG – 300 kcmil (2)	STD (1)
SCS300			
LCA350 LCAN350 LCD350 LCDN350	STD (1)	3/0 AWG – 350 kcmil (2)	STD (1)
SCS350			
LCA400 LCAN400 LCD400 LCDN400	STD (1)	4/0 AWG – 400 kcmil (2)	STD (1)
SCS400			
LCA500 LCAN500 LCD500 LCDN500	STD (1)	4/0 AWG – 500 kcmil (2)	STD (1)
SCS500			
LCA600 LCAN600 LCD600 LCDN600	STD (1)	250 – 600 kcmil (2)	STD (1)
SCS600			
LCA750 LCAN750 LCD750 LCDN750	STD (1)	500 – 750 kcmil (2)	—
SCS750			
LCD1000	—	—	—
SCS1000			

⑤Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.

C CT-980, CT-980CH, CT-980LPCH⑥, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

A. Cable Ties
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For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

Panduit Part Number L=Lug S=Splice	Thomas & Betts TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0 SCS4/0	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)	Purple 54H② (2)	STD (1)	Purple 54H② (2)
LCA250 LCAN250 LCD250 LCDN250 SCS250	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)	Yellow 62 (1)	STD (1)	Yellow 62 (1)
LCA300 LCAN300 LCD300 LCDN300 SCS300	—	White 66 (2)	White 66H② (1)	White 66 (1)	STD (1)	White 66 (1)
LCA350 LCAN350 LCD350 LCDN350 SCS350	—	Red 71 (2)	Red 71H② (2)	Red 71H② (2)	STD (1)	Red 71H② (2)
LCA400 LCAN400 LCD400 LCDN400 SCS400	—	Blue 76 (2)	Blue 76H② (2)	Blue 76H② (2)	STD (1)	Blue 76 (1)
LCA500 LCAN500 LCD500 LCDN500 SCS500	—	Brown 87 (2)	Brown 87H② (2)	Brown 87H② (2)	STD (1)	Brown 87H② (2)
LCA600 LCAN600 LCD600 LCDN600 SCS600	—	—	Green 94H② (2)	Green 94H② (2)	STD (1)	Green 94H② (2)
LCA750 LCAN750 LCD750 LCDN750 SCS750	—	—	Black 106H② (2)	Black 106H② (2)	STD (1)	Black 106H② (2)
LCD1000 SCS1000	—	—	—	125H② (2)	—	125H② (2)

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

	Burndy					Anderson	Penn-Union	Greenlee
Panduit Part Number L=Lug S=Splice	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y35BH, Y750, Y39BH, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCA4/0 LCAN4/0 LCD4/0 LCDN4/0 SCS4/0	—	4/0 (1)	U28RT Purple 15 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
LCA250 LCAN250 LCD250 LCDN250 SCS250	—	250 (1)	U29RT Yellow 16 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	STD (1)	STD (1)
LCA300 LCAN300 LCD300 LCDN300 SCS300	—	—	U30RT White 17 (2)	U30RT White 17 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA350 LCAN350 LCD350 LCDN350 SCS350	—	—	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA400 LCAN400 LCD400 LCDN400 SCS400	—	—	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA500 LCAN500 LCD500 LCDN500 SCS500	—	—	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCA600 LCAN600 LCD600 LCDN600 SCS600	—	—	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	—	STD (1)	—
LCA750 LCAN750 LCD750 LCDN750 SCS750	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	—	STD (1)	—
LCD1000 SCS1000	—	—	—	S44RT White 27 (4)	—	—	—	—

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

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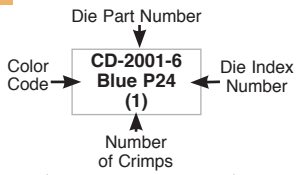
Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL

How to read this chart

For LCB6 lug and CT-3001/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Page E.3)				
			CT-1570	CT-1701①	CT-2300/ST CT-2300/STINT CT-2300/STAUS CT-2300/STUK CT-2300/TO	CT-600A	CT-1700①
LCB10 LCC10	#14 – #10 AWG STR, #12 – #10 AWG SOL	9/16	12-10 (2)	P10 (2)	CD-570 12-10 (2)	CT-570CH 12-10 (2)	—
LCB8 LCBN8 LCC8 LCCN8	#8 AWG	3/4	—	—			Red P21 (3)
SCL8		1-1/16					
LCB6 LCBN6 LCC6 LCCN6	#6 AWG	1-1/8	—	—			Blue P24 (3)
SCL6							
LCB4 LCBN4 LCC4 LCCN4	#4 – #3 AWG STR, #2 AWG SOL	1-1/8	—	—			Gray P29 (3)
SCL4							
LCB2 LCBN2 LCC2 LCCN2	#2 AWG	1-1/4	—	—			Brown P33 (3)
SCL2							
LCB1 LCBN1 LCC1 LCCN1	#1 AWG	1-7/16	—	—			Green P37 (4)
SCL1		1-3/8					
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0	1/0 AWG	1-1/2	—	—			
SCL1/0		1-3/8					
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0	2/0 AWG	1-9/16	—	—			
SCL2/0		1-1/2					
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0	3/0 AWG	1-9/16	—	—			
SCL3/0		1-1/2					
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0	4/0 AWG	1-5/8	—	—			
SCL4/0							
LCB250 LCBN250 LCC250 LCCN250	250 kcmil	1-11/16	—	—			
SCL250		1-5/8					

①The crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH⑦, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-980LPCH⑥, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981.

	Panduit (See Compression Connector Tools Selection Guide, Page E.3)						
Panduit Part Number L=Lug S=Splice	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Above	B See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	C See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB10 LCC10	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8 SCL8	CD-720-1 Red P21 (2)	KC4-8 Red (1)	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (1)	—	—	STD (1)
LCB6 LCBN6 LCC6 LCCN6 SCL6	CD-720-1 Blue P24 (2)	KC4-6 Blue (1)	CD-2001-6 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	—	STD (1)
LCB4 LCBN4 LCC4 LCCN4 SCL4	CD-720-1 Gray P29 (2)	KC4-4 Gray (1)	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (1)	STD (1)	#4 – #2 AWG #2 AWG SOL Only (1)	STD (1)
LCB2 LCBN2 LCC2 LCCN2 SCL2	CD-720-1 Brown P33 (2)	KC4-2 Brown (1)	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	#6 – #2 AWG (1)	STD (1)
LCB1 LCBN1 LCC1 LCCN1 SCL1	CD-720-2 Green P37 (2)	KC4-1 Green (1)	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (1)	STD (1)	#6 – #1 AWG (1)	STD (1)
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0 SCL1/0	CD-720-2 Pink P42 (2)	KC4-1/0 Pink (1)	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	#6 – 1/0 AWG (2)	STD (1)
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0 SCL2/0	CD-720-2 Black P45 (3)	KC4-2/0 Black (2)	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	#4 – 2/0 AWG (2)	STD (1)
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0 SCL3/0	CD-720-2 Orange P50 (3)	KC4-3/0 Orange (2)	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	#2 – 3/0 AWG (2)	STD (1)
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0 SCL4/0	CD-720-3 Purple P54 (3)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	#1 – 4/0 AWG (2)	STD (1)
LCB250 LCBN250 LCC250 LCCN250 SCL250	CD-720-3 Yellow P62 (4)	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)	1/0 AWG – 250 kcmil (3)	STD (1)

⑤Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥Maximum size: 250 kcmil lugs and splices. No extended wire range. ⑦Maximum size: 600 kcmil lugs and splices.

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For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

	Thomas & Betts						
Panduit Part Number L=Lug S=Splice	TBM20S, TBM25S	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR⑧, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCB10 LCC10	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8	Red 21 (3)	Red 21 (1)	Red 21 (1)	Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)
SCL8							
LCB6 LCBN6 LCC6 LCCN6	Blue 24 (3)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
SCL6							
LCB4 LCBN4 LCC4 LCCN4	Gray 29 (3)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
SCL4							
LCB2 LCBN2 LCC2 LCCN2	Brown 33 (3)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
SCL2							
LCB1 LCBN1 LCC1 LCCN1	—	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
SCL1							
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0	—	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)
SCL1/0							
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0	—	Black 45 (3)	Black 45 (3)	Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)
SCL2/0							
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0	—	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	Orange 50 (2)	STD (2)	Orange 50 (2)
SCL3/0							
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0	—	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)	Purple 54H② (4)	STD (2)	Purple 54H② (4)
SCL4/0							
LCB250 LCBN250 LCC250 LCCN250	—	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)
SCL250							

②Half width dies. ⑦Requires U die adapter. ⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

	Burndy					Anderson	Penn-Union	Greenlee
Panduit Part Number L=Lug S=Splice	Y2MR, Y1MR, Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
LCB10 LCC10	—	—	—	—	—	—	—	—
LCB8 LCBN8 LCC8 LCCN8	Red 49 (2)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
SCL8								
LCB6 LCBN6 LCC6 LCCN6	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
SCL6								
LCB4 LCBN4 LCC4 LCCN4	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
SCL4								
LCB2 LCBN2 LCC2 LCCN2	Brown 10 (2)	#2 (1)	U2CRT Brown 9 (solid) / Brown 10 (stranded) (2)	U2CRT Brown 9 (solid) / Brown 10 (stranded) (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL2								
LCB1 LCBN1 LCC1 LCCN1		#1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL1								
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0		1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL1/0								
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0		2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCL2/0								
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0		3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL3/0								
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0		4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL4/0								
LCB250 LCBN250 LCC250 LCCN250		250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCL250								

②Half width dies. ⑦Requires U die adapter. ⑧Minimum size: #4 AWG lugs and splices.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

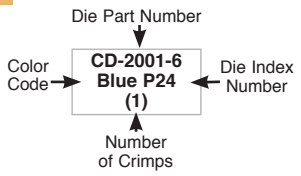
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL

How to read this chart

For LCB6 lug and CT-3001/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3) CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
LCB300 LCBN300 LCC300 LCCN300	300 kcmil	2-5/16	CD-720-4 White P66 (4)	KC4-300 White (2)
SCL300		2		
LCB350 LCBN350 LCC350 LCCN350	350 kcmil	2-5/16	CD-720-5 Red P71 (4)	—
SCL350		2		
LCB400 LCBN400 LCC400 LCCN400	400 kcmil	2-3/8	CD-720-6 Blue P76 (4)	—
SCL400		2-1/8		
LCB500 LCBN500 LCC500 LCCN500	500 kcmil	2-9/16	CD-720-7 Brown P87 (4)	—
SCL500		2-1/4		
LCB600 LCBN600 LCC600 LCCN600	600 kcmil	2-3/4	—	—
SCL600		2-11/16		
LCB750 LCBN750 LCC750 LCCN750	750 kcmil	2-15/16	—	—
SCL750		2-7/8		
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000	1000 kcmil	3-1/16	—	—
SCL1000		3		

③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter
④CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.
⑨Maximum size: 600 kcmil lugs and splices.
***KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH⑨, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-980LPCH⑥, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981, Extended Wire Range

	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)				
Panduit Part Number L=Lug S=Splice	**A** See Tool List Above	**B** See Tool List Above	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	**C** See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB300 LCBN300 LCC300 LCCN300 SCL300	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)	STD (1)	2/0 AWG – 300 kcmil (3)	STD (1)
LCB350 LCBN350 LCC350 LCCN350 SCL350	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)	3/0 AWG – 350 kcmil (3)	STD (1)
LCB400 LCBN400 LCC400 LCCN400 SCL400	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	STD (1)	4/0 AWG – 400 kcmil (3)	STD (1)
LCB500 LCBN500 LCC500 LCCN500 SCL500	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	4/0 AWG – 500 kcmil (3)	STD (1)
LCB600 LCBN600 LCC600 LCCN600 SCL600	***KC22-600B Green (4)	CD-920-600 Green P94 (4)	STD (1)	250 – 600 kcmil (3)	STD (1)
LCB750 LCBN750 LCC750 LCCN750 SCL750	—	CD-920-750 CD-940-750④ Black P106 (4)	STD (1)	500 – 750 kcmil (3)	—
LCB800 LCBN800 LCC800 LCCN800	—	CD-940-800④ Orange P107 (4)	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	—	CD-940-1000④ White P125 (4)	—	—	—

③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter
④CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices. No extended wire range.
⑨Maximum size: 600 kcmil lugs and splices.
***KC22-600B crimp die for use with CT-3001/ST and CT-3001/CCP series tools.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

	Thomas & Betts				
Panduit Part Number L=Lug S=Splice	TBM6, TBM6S, 25000 TBM8	TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR⑧, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCB300 LCBN300 LCC300 LCCN300	White 66 (4)	White 66② (4)	White 66 (3)	STD (3)	White 66 (3)
SCL300					
LCB350 LCBN350 LCC350 LCCN350	Red 71 (4)	Red 71H② (4)	Red 71② (4)	STD (3)	Red 71 (4)
SCL350					
LCB400 LCBN400 LCC400 LCCN400	Blue 76 (4)	Blue 76H② (4)	Blue② (4)	STD (3)	Blue 76 (4)
SCL400					
LCB500 LCBN500 LCC500 LCCN500	Brown 87 (4)	Brown 87H② (4)	Brown 87② (4)	STD (3)	Brown 87 (4)
SCL500					
LCB600 LCBN600 LCC600 LCCN600	—	Green 94H② (4)	Green 94② (4)	STD (4)	Green 94 (4)
SCL600					
LCB750 LCBN750 LCC750 LCCN750	—	Black 106H② (4)	Black 106② (4)	STD (4)	Black 106 (4)
SCL750					
LCB800 LCBN800 LCC800 LCCN800	—	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000	—	Yellow 125H② (4)	125② (4)	—	125② (4)
SCL1000					

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

Panduit Part Number L=Lug S=Splice	Burndy			Anderson	Penn-Union	Greenlee
	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
LCB300 LCBN300 LCC300 LCCN300 SCL300	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB350 LCBN350 LCC350 LCCN350 SCL350	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB400 LCBN400 LCC400 LCCN400 SCL400	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB500 LCBN500 LCC500 LCCN500 SCL500	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCB600 LCBN600 LCC600 LCCN600 SCL600	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
LCB750 LCBN750 LCC750 LCCN750 SCL750	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
LCB800 LCBN800 LCC800 LCCN800	—	—	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 SCL1000	—	S44RT White 27 (6)	—	—	—	—

②Half width dies.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

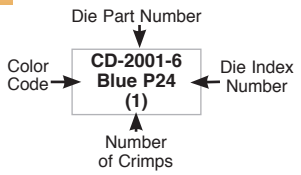
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH

How to read this chart

For LCBH6 lug and CT-3001/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.3) CT-1700①	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO
LCBH6 LCCH6	#6 AWG	1-1/8	Blue P24 (3)	CD-720-1 Blue P24 (2)	KC4-6 Blue (1)
SCH6		15/16			
LCBH4 LCCH4	#4 AWG	1-1/8	Gray P29 (3)	CD-720-1 Gray P29 (2)	KC4-4 Gray (1)
SCH4		15/16			
LCBH2 LCCH2	#2 AWG	1-1/4	Brown P33 (3)	CD-720-1 Brown P33 (2)	KC4-2 Brown (1)
SCH2		1			
LCBH1 LCCH1	#1 AWG	1-7/16	Green P37 (3)	CD-720-2 Green P37 (2)	KC4-1 Green (1)
SCH1		1			
LCBH1/0 LCCH1/0	1/0 AWG	1-1/2	—	CD-720-2 Pink P42 (2)	KC4-1/0 Pink (1)
SCH1/0		1			
LCBH2/0 LCCH2/0	2/0 AWG	1-9/16	—	CD-720-2 Black P45 (3)	KC4-2/0 Black (2)
SCH2/0		1-1/16			
LCBH3/0 LCCH3/0	3/0 AWG	1-9/16	—	CD-720-2 Orange P50 (3)	KC4-3/0 Orange (2)
SCH3/0		1-3/16			
LCBH4/0 LCCH4/0	4/0 AWG	1-5/8	—	CD-720-3 Purple P54 (3)	KC4-4/0 Purple (2)
SCH4/0		1-3/16			
LCBH250 LCCH250	250 kcmil	1-11/16	—	CD-720-3 Yellow P62 (4)	KC4-250 Yellow (2)
SCH250		1-1/4			
LCBH300 LCCH300	300 kcmil	2-5/16	—	CD-720-4 White P66 (4)	KC4-300 White (2)
SCH300		2			
LCBH350 LCCH350	350 kcmil	2-5/16	—	CD-720-5 Red P71 (4)	—
SCH350		2			
LCBH400 LCCH400	400 kcmil	2-3/8	—	CD-720-6 Blue P76 (4)	—
SCH400		2-1/8			
LCBH500 LCCH500	500 kcmil	2-9/16	—	CD-720-7 Brown P87 (4)	—
SCH500		2-1/4			
LCBH600 LCCH600	600 kcmil	2-3/4	—	—	—
SCH60		2-11/16			
LCBH750 LCCH750	750 kcmil	2-15/16	—	—	—
SCH750		2-7/8			
LCBH1000 LCCH1000	1000 kcmil	3-1/16	—	—	—
SCH1000		3			

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. ⑤Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥Maximum size: 600 kcmil lugs and splices. ⑨Maximum size: 250 kcmil lugs and splices. No Extended Wire Range

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH⑥, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-980LPCH⑨, CT-2950⑤, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

	Panduit (See Compression Connector Tools Selection Guide, Pages E.3)				
Panduit Part Number L=Lug S=Splice	**A** See Tool List Above	**B** See Tool List Above	CT-2920/CCP CT-920CH/CCP UA12ID INDENTER	**C** See Uni-Die™ Dieless Tools Above	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCBH6 LCCH6 SCH6	CD-2001-6 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	—	STD (1)
LCBH4 LCCH4 SCH4	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (1)	STD (1)	#4-#2 AWG, # 2 AWG SOL only (1)	STD (1)
LCBH2 LCCH2 SCH2	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	#6 - #2 AWG	STD (1)
LCBH1 LCCH1 SCH1	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (1)	STD (1)	#6 - 1 AWG	STD (1)
LCBH1/0 LCCH1/0 SCH1/0	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	#6 - #1/0 AWG	STD (1)
LCBH2/0 LCCH2/0 SCH2/0	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	#4 - 2/0 AWG	STD (1)
LCBH3/0 LCCH3/0 SCH3/0	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	#2 - 3/0 AWG	STD (1)
LCBH4/0 LCCH4/0 SCH4/0	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	#1 - 4/0 AWG	STD (1)
LCBH250 LCCH250 SCH250	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)	1/0 AWG - 250 kcmil	STD (1)
LCBH300 LCCH300 SCH300	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)	STD (1)	2/0 AWG - 300 kcmil	STD (1)
LCBH350 LCCH350 SCH350	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)	3/0 AWG - 350 kcmil	STD (1)
LCBH400 LCCH400 SCH400	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	STD (1)	4/0 AWG - 400 kcmil	STD (1)
LCBH500 LCCH500 SCH500	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	4/0 AWG - 500 kcmil	STD (1)
LCBH600 LCCH600 SCH60	—	CD-920-600 Green P94 (4)	STD (1)	250 - 600 kcmil	STD (1)
LCBH750 LCCH750 SCH750	—	CD-920-750, CD-940-750④ Black P106 (4)	STD (1)	500 - 750 kcmil	
LCBH1000 LCCH1000 SCH1000	—	CD-940-1000④ Green P125 (4)	—	—	

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. ⑤Maximum size: 500 kcmil lugs and 250 kcmil splices. ⑥Maximum size: 600 kcmil lugs and splices. ⑨Maximum size: 250 kcmil lugs and splices. No Extended Wire Range

Continues on next page

A. Cable Ties
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For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH (continued)

	Thomas & Betts					
Panduit Part Number L=Lug S=Splice	TBM5	TBM6, TBM6S, 25000, TBM8	TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR□	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A
LCBH6 LCCH6 SCH6	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)
LCBH4 LCCH4 SCH4	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)
LCBH2 LCCH2 SCH2	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)
LCBH1 LCCH1 SCH1	Green 37 (1)	Green 37 (1)	Green 37 (1)	Green 37 (1)	STD (1)	Green 37 (1)
LCBH1/0 LCCH1/0 SCH1/0	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)
LCBH2/0 LCCH2/0 SCH2/0	Black 45 (3)	Black 45 (3)	Black 45 (3)	Black 45 (2)	STD (2)	Black 45 (2)
LCBH3/0 LCCH3/0 SCH3/0	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)	Orange 50 (2)	STD (2)	Orange 50 (2)
LCBH4/0 LCCH4/0 SCH4/0	Purple 54 (3)	Purple 54 (3)	Purple 54 (3)	Purple 54H② (4)	STD (2)	Purple 54H② (4)
LCBH250 LCCH250 SCH250	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)
LCBH300 LCCH300 SCH300	—	White 66 (4)	White 66H② (4)	White 66H② (4)	STD (3)	White 66 (4)
LCBH350 LCCH350 SCH350	—	Red 71 (4)	Red 71H② (4)	Red 71H② (4)	STD (3)	Red 71H② (4)
LCBH400 LCCH400 SCH400	—	Blue 76 (4)	Blue 76H② (4)	Blue 76H② (4)	STD (3)	Blue 76 (4)
LCBH500 LCCH500 SCH500	—	Brown 87 (4)	Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87H② (4)
LCBH600 LCCH600 SCH60	—	—	Green 94H② (4)	Green 94H② (4)	STD (4)	Green 94H② (4)
LCBH750 LCCH750 SCH750	—	—	Black 106H② (4)	Black 106H② (4)	STD (4)	Black 106H② (4)
LCBH1000 LCCH1000 SCH1000	—	—	125H② (4)	125H② (4)	—	125H② (4)

②Half width dies. ⑦Requires U die adapter. ⑧Minimum size: #4 AWG lugs and splices.

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH (continued)

Panduit Part Number L=Lug S=Splice	Burndy				Anderson	Penn-Union	Greenlee
	MY29	Y39, Y35, Y35BH, BAT35, Y750, Y750BH-2, Y750HS, Y750-2, BAT750, PAT750, Y39BH, Y750BH	Y45⑦, Y46⑦	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
LCBH6 LCCH6 SCH6	6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
LCBH4 LCCH4 SCH4	4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
LCBH2 LCCH2 SCH2	2 (1)	U2CRT Brown 10 (2)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH1 LCCH1 SCH1	1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH1/0 LCCH1/0 SCH1/0	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH2/0 LCCH2/0 SCH2/0	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
LCBH3/0 LCCH3/0 SCH3/0	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCBH4/0 LCCH4/0 SCH4/0	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
LCBH250 LCCH250 SCH250	250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (2)	STD (1)
LCBH300 LCCH300 SCH300	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH350 LCCH350 SCH350	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH400 LCCH400 SCH400	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH500 LCCH500 SCH500	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
LCBH600 LCCH600 SCH60	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (2)	—
LCBH750 LCCH750 SCH750	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
LCBH1000 LCCH1000 SCH1000	—	—	S44RT White 27 (6)	—	—	—	—

②Half width dies. ⑦Requires U die adapter. ⑧Minimum size: #4 AWG lugs and splices.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
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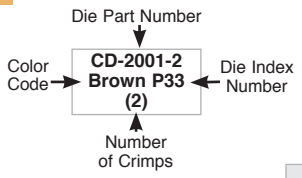
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types SCT

How to read this chart

For SCT2-2 splice and CT-3001/ST crimping tool:



Panduit Part Number	Std. Wire Size Main / Tap	Wire Strip Length (in.) Main / Tap	Panduit (See Compression Connector Tools Selection Guide, Pages E.3) CT-1700①	CT-720	A See Tool List Below	B See Tool List Below	C See Uni-Die™ Dieless Tools Below
			Die Part Number/Color Code and Die Index Number/(Number of Crimps)				
SCT2-2	#2 AWG	2	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)
	#2 AWG	1-9/16					
SCT1/0-1/0	1/0 AWG	2-1/16	Pink P42 (3)	CD-720-2 Pink P42 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)
	1/0 AWG	1-9/16					
SCT2/0-2/0	2/0 AWG	2-1/16	—	CD-720-2 Black P45 (3)	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)
	2/0 AWG	1-9/16					
SCT4/0-1/0	4/0 AWG	2-1/16	—	CD-720-2 Pink P42 (3)	CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	STD (1)
	1/0 AWG	1-9/16					
SCT4/0-4/0	4/0 AWG	2-1/8	—	CD-720-3 Purple P54 (3)	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)
	4/0 AWG	1-11/16					
SCT250-250	250 kcmil	2-3/16	—	CD-720-3 Yellow P62 (4)	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)
	250 kcmil	1-11/16					
SCT300-300	300 kcmil	2-13/16	—	CD-720-4 White P65 (4)	CD-2001-300 White P66 (3)	CD-920-300 White P65 (3)	STD (1)
	300 kcmil	2-1/16					
SCT350-350	350 kcmil	2-13/16	—	CD-720-5 Red P71 (4)	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)
	350 kcmil	2-1/16					
SCT500-4/0	500 kcmil	2-15/16	—	CD-720-7 Brown P87 (4)	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)
	4/0 AWG	2-15/16		CD-720-3 Purple P54 (4)	CD-2001-4/0 Purple P54 (4)	CD-920-4/0 Purple P54 (4)	
SCT500-500	500 kcmil	3-1/8	—	CD-720-7 Brown P87 (4)	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)
	500 kcmil	2-9/16					

①The CT-1700 crimp die pockets are integrated into the tool frame.
③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.
④Maximum size: 250 kcmil.
⑤Maximum size: 600 kcmil.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

C CT-980, CT-980CH, CT-2950④, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types SCT

	Thomas & Betts						Burndy			Anderson	Penn-Union	Greenlee
Panduit Part Number	TBM5	TBM8	TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, Y750HS, Y750, BAT35, Y45, Y39BH, Y46, Y750-2, BAT750, PAT750, Y750BH-2, Y750BH	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
SCT2-2	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCT1/0-1/0	Pink 42 (2)	Pink 43 (2)	Pink 42H② (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCT2/0-2/0	Black 45 (3)	Black 45 (3)	Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
SCT4/0-1/0	Pink 42 (3)	Pink 42 (3)	Pink 42 (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCT4/0-4/0	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)	Purple 54H (4)	STD (2)	Purple 54H② (4)	4/0 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCT250-250	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
SCT300-300	—	White 66 (4)	White 66H② (4)	White 66H② (4)	STD (3)	White 66H② (4)	—	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
SCT350-350	—	Red 71 (4)	Red 71H② (4)	Red 71H② (4)	STD (3)	Red 71 (3)	—	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
SCT500-4/0	—	Brown 87 (4)	Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87 (3)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
	—	Purple 54 (4)	Olive 54 (4)	Olive 54H② (4)		Olive 54H② (3)	—	U28RT Purple 15 (3)				
SCT500-500	—	Brown 87 (4)	Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87H② (4)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)

②Half width dies.

A. Cable Ties
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For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

How to read this chart

For LCAX6 lug and CT-3001/ST crimping tool:

Die Part Number → **CD-2001-6**
Color Code → **Blue P24**
Die Index Number → **(1)**
Number of Crimps

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4)			
				CT-1700①	A See Tool List Below	B See Tool List Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
				Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	#8 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1/2	Red P21 (2)	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	Std. (1)
LCBX8, LCCX8			3/4	Red P21 (3)	CD-2001-8 Red P21 (2)		Std. (1)
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	#6 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	9/16	Blue P24 (2)	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)	Std. (1)
LCBX6, LCCX6			1-1/8	Blue P24 (3)	CD-2001-6 Blue P24 (2)		Std. (1)
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	#4 AWG	Compact, B, G, H, I, K, M	5/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	Std. (1)
	#5, #4, #3	Locomotive (DLO)					
LCBX4, LCCX4	#4 AWG	Compact, B, G, H, I, K, M	1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)		Std. (1)
	#5, #4, #3	Locomotive (DLO)					
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	#2 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	11/16	Brown P33 (2)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)	Std. (1)
LCBX2, LCCX2			1-7/16	Brown P33 (3)	CD-2001-2 Brown P33 (2)		Std. (1)
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	#1 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)	Std. (1)
LCBX1, LCCX1			1-1/2		CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	Std. (1)
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	1/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (1)	Std. (1)
LCBX1/0, LCCX1/0			1-9/16		CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)	Std. (1)
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	2/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	7/8	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)	Std. (1)
LCBX2/0, LCCX2/0			1-9/16		CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	Std. (1)
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	3/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1	—	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	Std. (1)
LCBX3/0, LCCX3/0			1-5/8		CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	Std. (1)

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ⑥Does not include class K flex conductor with Burndy tools. ⑦Does not include class M flex conductor with Thomas and Betts tools. ⑧Does not include class K and M flex conductor with Thomas and Betts tools. ⑨Does not include class K flex conductor with Thomas and Betts tools.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

Continues on next page

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

	Thomas & Betts						Burndy			
	TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46⑤, Y750-2, Y750BH, BAT35-14V, BAT750-14V, PAT750-18V	MRC840
Panduit Part Number	**Die Part Number/Color Code and Die Index Number/(Number of Crimps)**									
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	TBM12D-1 Red 21 (1)	13461 Red 21 (1)	13475 & 13477 Red 21 (1)	6TON21 Red 21 (1)	STD (1)	15520 Red 21 (1)	W8CRT Red 49 (1)	—	U8CRT Red 49 (1)	Red 49 (1)
LCBX8, LCCX8	TBM12D-1 Red 21 (2)	13461 Red 21 (2)	13475 & 13477 Red 21 (2)	6TON21 Red 21 (2)	STD (2)	15520 Red 21 (2)	W8CRT Red 49 (2)		U8CRT Red 49 (2)	Red 49 (2)
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	TBM12D-1 Blue 24 (1)	13461 Blue 24 (1)	13475 & 13477 Blue 24 (1)	6TON24 Blue 24 (1)	STD (1)	15522 Blue 24 (1)	W5CRT Blue 7 (1)	(1)	U5CRT Blue 7 (1)	Blue 7 (1)
LCBX6, LCCX6	TBM12D-1 Blue 24 (2)	13461 Blue 24 (2)	13475 & 13477 Blue 24 (2)	6TON24 Blue 24 (2)	STD (2)	15522 Blue 24 (2)	W5CRT Blue 7 (2)	(2)	U5CRT Blue 7 (2)	Blue 7 (2)
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	TBM12D-2 Gray 29 (1)	13461 Gray 29 (1)	13472 & 13476 Gray 29 (1)	6TON29 Gray 29 (1)	STD (1)	15527-CK Gray 29 (1)	W4CRT Gray 8 (1)	(1)	U4CRT Gray 8 (1)	—
LCBX4, LCCX4	TBM12D-2 Gray 29 (3)	13461 Gray 29 (2)	13472 & 13476 Gray 29 (3)	6TON29 Gray 29 (2)	STD (3)	15527-CK Gray 29 (2)	W4CRT Gray 8 (2)	(2)	U4CRT Gray 8 (2)	
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	TBM12D-2 Brown 33 (1)	13461 Brown 33 (1)	13474 & 13477 Brown 33 (1)	6TON33 Brown 33 (1)	STD (1)	15528 Brown 33 (1)	W2CRT Brown 10 (1)	(1)	U2CRT Brown 10 (1)	—
LCBX2, LCCX2	TBM12D-2 Brown 33 (3)	13461 Brown 33 (3)	13474 & 13477 Brown 33 (3)	6TON33 Brown 33 (2)	STD (3)	15528 Brown 33 (2)	W2CRT Brown 10 (2)	(2)	U2CRT Brown 10 (2)	
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	TBM12D-1 Green 37 (1)	13462 Green 37 (1)	13474 & 13477 Green 37 (1)	6TON37 Green 37 (1)	STD (1)	15513-CK Green 37 (1)	W1CRT-1 Green 11 (1)	(1)	U1CRT Green 11 (1)	—
LCBX1, LCCX1	TBM12D-3 Green 37 (3)	13462 Green 37 (3)	13474 & 13477 Green 37 (3)	6TON37 Green 37 (2)	STD (3)	15513-CK Green 37 (2)	W1CRT-1 Green 11 (2)	(2)	U1CRT Green 11 (2)	
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	TBM12D-3 Pink 42 (1)	13462 Pink 42 (1)	13475 & 13477 Pink 42 (2)	6TON42 Pink 42 (2)	STD (1)	15508 Pink 42 (2)	W25RT Pink 12 (2)	(1)	U25RT Pink 12 (1)	—
LCBX1/0, LCCX1/0	TBM12D-3 Pink 42 (3)	13462 Pink 42 (3)	13475 & 13477 Pink 42 (3)	6TON42 Pink 42 (3)	STD (3)	15508 Pink 42 (3)	W25RT Pink 12 (3)	(2)	U25RT Pink 12 (2)	
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	TBM12D-4 Blk/Gold 45 (1)	13462 Black 45 (2)	13474 & 13477 Black 45 (2)	6TON45 Black 45 (2)	STD (1)	15526 Black 45 (1)	W26RT Black 13 (2)	(1)	U26RT Black 13 (1)	—
LCBX2/0, LCCX2/0	TBM12D-4 Blk/Gold 45 (3)	13462 Black 45 (4)	13474 & 13477 Black 45 (3)	6TON45 Black 45 (3)	STD (3)	15526 Black 45 (2)	W26RT Black 13 (3)	(2)	U26RT Black 13 (2)	
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	TBM12D-4 Org/Tan 50 (1)	13462 Orange 50 (2)	13474 & 13477 Orange 50 (2)	6TON50 Orange 50 (2)	STD (1)	15530 Orange 50 (2)	W27RT Orange 14 (2)	(1)	U27RT Orange 14 (1)	—
LCBX3/0, LCCX3/0	TBM12D-4 Org/Tan 50 (3)	13462 Orange 50 (4)	13474 & 13477 Orange 50 (3)	6TON50 Orange 50 (3)	STD (3)	15530 Orange 50 (3)	W27RT Orange 14 (4)	(2)	U27RT Orange 14 (2)	

⑤Requires U die adapter.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

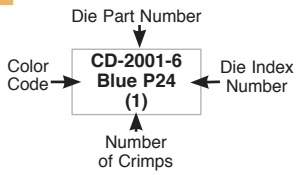
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

How to read this chart

For LCAX6 lug and CT-3001/ST crimping tool:



Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4)			
				CT-1700①	A See Tool List Below	B See Tool List Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
				Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)⑦	1-1/16	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	Std. (1)
LCBX4/0, LCCX4/0			2-5/16		CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	250 kcmil	G, H, I, K, M	1-1/16	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	Std. (1)
LCBX250, LCCX250	262.6 kcmil	Locomotive (DLO)	2-5/16		CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	300 kcmil	G, H, I, K, M	1-1/4	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)	Std. (1)
	313.1 kcmil	Locomotive (DLO)					
LCBX300, LCCX300	300 kcmil	G, H, I, K, M	2-3/8		CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (3)	
	313.1 kcmil	Locomotive (DLO)					
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	350 kcmil	G, H, I, K, M	1-3/8	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)	Std. (1)
	373.7 kcmil	Locomotive (DLO)					
LCBX350, LCCX350	350 kcmil	G, H, I, K, M	2-9/16		CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	
	373.7 kcmil	Locomotive (DLO)					
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	450 kcmil	G, H, I, K, M	1-7/16	—	—	CD-920-500 Brown P87 (2)	—
	444.4 kcmil	Locomotive (DLO)					
LCBX450, LCCX450	450 kcmil	G, H, I, K, M	2-3/4	—	—	CD-920-500 Brown P87 (4)	—
	444.4 kcmil	Locomotive (DLO)					
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	500 kcmil	G, H, I, K, M	1-9/16	—	—	CD-920-500A Pink P99 (2)	—
LCBX500, LCCX500	535.3 kcmil	Locomotive (DLO)	2-15/16			CD-920-500A Pink P99 (4)	
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	600 kcmil	G, H, I	1-9/16	—	—	CD-920-500A Pink P99 (2)	—
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	646.4 kcmil	Locomotive (DLO)	1-1/2	—	—	CD-940-750④ Black P106 (2)	—
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X④ Yellow (2)	—

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940series tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools. ⑦Does not include class M flex conductor with Thomas and Betts tools.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN and LCCX

	Thomas & Betts						Burndy			
Panduit Part Number	TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46⑤, Y750-2, Y750BH, BAT35-14V, BAT750-14V, Pat750-18V	MRC840
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	TBM12D-5 Purp/Olive 54 (1)	—	—	6TON54 Purple 54 (2)	STD (1)	15511 Purple 54 (2)	W28RT Purple 15 (2)	(1)	U28RT Purple 15 (1)	—
LCBX4/0, LCCX4/0	TBM12D-5 Purp/Olive 54 (4)	—	—	6TON54 Purple 54 (4)	STD (4)	15511 Purple 54 (4)	W28RT Purple 15 (4)	(3)	U28RT Purple 15 (3)	—
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	TBM12D-5 Yellow 62 (1)	—	—	6TON62 Yellow 62 (2)	STD (1)	15510-CK Yellow 62 (1)	W29RT Yellow 16 (2)	(1)	U29RT Yellow 16 (1)	—
LCBX250, LCCX250	TBM12D-5 Yellow 62 (3)	—	—	6TON62 Yellow 62 (4)	STD (4)	15510-CK Yellow 62 (2)	W29RT Yellow 16 (4)	(3)	U29RT Yellow 16 (3)	—
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	TBM12D-4 Red 71H② (2)	—	—	6TON71 Red 71H② (2)	STD (2)	15514-CK Red 71H② (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—
LCBX300, LCCX300	TBM12D-4 Red 71H② (4)	—	—	6TON71 Red 71H② (4)	STD (4)	15514-CK Red 71H② (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	—
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	TBM12D-4 Blue 76H② (2)	—	—	6TON76 Blue 76H② (2)	STD (2)	15512 Blue 76H② (2)	W32RT Blue 19 (3)	(1)	U32RT Blue 19 (2)	—
LCBX350, LCCX350	TBM12D-4 Blue 76H② (4)	—	—	6TON76 Blue 76H② (4)	STD (4)	15512 Blue 76H② (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	—
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	TBM12D-3 Brown 87H② (2)	—	—	6TON87 Brown 87H② (2)	STD (2)	15506 Brown 87H② (2)	—	(1)	U34RT Brown 20 (2)	—
LCBX450, LCCX450	TBM12D-3 Brown 87H② (4)	—	—	6TON87 Brown 87H② (4)	STD (4)	15506 Brown 87H② (4)	—	(4)	U34RT Brown 20 (4)	—
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38XRT Pink L99 (2)	—
LCBX500, LCCX500	TBM12D-2 Pink 99H② (4)	—	—	—	STD (4)	15505 Pink 99H② (4)	—	(4)	U38XRT Pink L99 (4)	—
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38RT Pink 400 (2)	—
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	TBM12D-2 Black 106H② (2)	—	—	—	—	15515-CK Black 106H② (2)	—	(1)	U39RT Black 24 (2)	—
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	TBM12D-1 Yellow 115H② (2)	—	—	—	—	15504 Yellow 115H② (2)	—	(1)	U44XRT Yellow L115 (2)	—

②Half width dies.
⑤Requires U die adapter.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

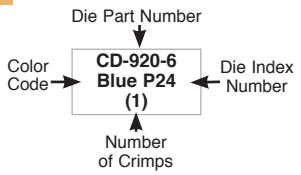
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAF, LCCF and SCSF

How to read this chart

For LCAF6 lug and CT-2931/ST crimping tool:



Panduit Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4) A See Tool List Below — Die Part Number/Color Code and Die Index Number/(Number of Crimps): For LCAF, SCSF Parts	For LCCF Parts
LCCF8 LCAF8	#8 AWG	Locomotive (DLO)	13/16	CD-920-8 Red P21 (1)	
SCSF8			11/16		
LCAF6	#6 AWG	K, M, Locomotive (DLO)	7/8	CD-920-6 Blue P24 (1)	CD-920-6 Blue P24 (2)
LCCF6			1-5/16		
SCSF6			13/16		
LCAF4	#4 AWG	K, M, Locomotive (DLO)	7/8	CD-920-4 Gray P29 (1)	CD-920-4 Gray P29 (2)
LCCF4			1-5/16		
SCSF4			13/16		
LCAF2	#2 AWG	K, M, Locomotive (DLO)	15/16	CD-920-2 Brown P33 (1)	CD-920-2 Brown P33 (2)
LCCF2			1-7/16		
SCSF2			7/8		
LCAF1	#1 AWG	K, M, Locomotive (DLO)	1	CD-920-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (2)
LCCF1			1-1/2		
SCSF1			7/8		
LCAF1/0	1/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-2/0 Black P45 (2)	
LCCF1/0			1-9/16		
SCSF1/0			1-3/16		
LCAF2/0	2/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-3/0 Orange P50 (2)	
LCCF2/0			1-9/16		
SCSF2/0			1-3/16		
LCAF3/0	3/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-4/0 Purple P54 (2)	
LCCF3/0			1-5/8		
SCSF3/0			1-3/16		
LCAF4/0	4/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-250 Yellow P62 (2)	
LCCF4/0			1-11/16		
SCSF4/0			1-3/16		

①CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.

A CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH①, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/STAUS①, CT-2940/TO①

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAF, LCCF and SCSF

Panduit Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (in.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.4) A See Tool List Below — Die Part Number/Color Code and Die Index Number/ (Number of Crimps): For LCAF, SCSF Parts	For LCCF Parts
LCAF250	250 kcmil 262.6 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-300 White P66 (2)	CD-920-300 White P66 (3)
LCCF250			2-5/16		
SCSF250			1-3/16		
LCAF300	300 kcmil 313.1 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-350 Red P71 (2)	CD-920-350 Red P71 (3)
LCCF300			2-3/8		
SCSF300			1-1/4		
LCAF350	350 kcmil 373.7 kcmil	K, M, Locomotive (DLO)	1-15/16	CD-920-400 Blue P76 (2)	CD-920-400 Blue P76 (3)
LCCF350			2-9/16		
SCSF350			1-1/2		
LCAF400	400 kcmil 444.4 kcmil	K, M, Locomotive (DLO)	2-1/4	CD-920-500 Brown P87 (2)	CD-920-500 Brown P87 (3)
LCCF400			2-3/4		
SCSF400			1-11/16		
LCAF500	500 kcmil 535.3 kcmil	K, M, Locomotive (DLO)	2-5/16	CD-920-500A Pink P99 (2)	CD-920-500A Pink P99 (3)
LCCF500			2-15/16		
SCSF500			1-5/8		
LCAF600③	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750 Black P106 (2)	CD-920-750 Black P106 (3)
LCCF600③			3		
SCSF600③			1-5/8		
LCAF750③	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800② Orange P107 (2)	CD-940-800② Orange P107 (4)
LCCF750③			3-1/16		
SCSF750③			1-5/8		

①CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.
②CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.
③Can only be crimped with CT-940CH and CT-2940 tools.

A CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH①, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/STAUS①, CT-2940/TO①

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

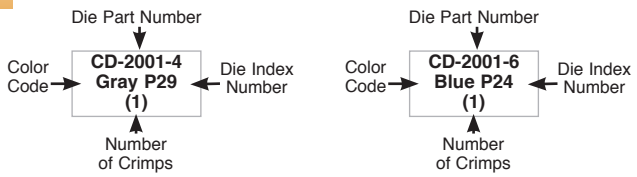
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types RSC In-Line Reducing Splice

How to read this chart

For RSC4-6 splice and CT-3001/ST crimping tool:



Panduit Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

①The CT-1700 crimp die pockets are integrated into the tool frame. ③Maximum conductor size: 500 kmcil class I and 750 kcmil class B, C, Compact.
④CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ⑤CD-940 dies to be used with CT-940CH and CT-2940 series tools.

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types RSC In-Line Reducing Splice

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920⑤, CT-920/CV⑤, CT-920CH⑤, CT-920CH/CV⑤, CT-920CH/CCP⑤, CT-930⑤, CT-930CH⑤, CT-940CH③, CT-2920⑤, CT-2920/CCP⑤, CT-2920/CCPINT⑤, CT-2920/CCPUK⑤, CT-2920/CCPAUS⑤, CT-2920/CCPTO⑤, CT-2930⑤, CT-2930/L⑤, CT2930/LE⑤, CT-2931⑤, CT-2931/ST⑤, CT-2931/STINT⑤, CT-2931/STUK⑤, CT-2931/STAUS⑤, CT-2931/TO⑤, CT-2931/STCV⑤, CT-2931/STCVINT⑤, CT-2931/STCVUK⑤, CT-2931/STCVAUS⑤, CT-2931/CVTO⑤, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

	Panduit (See Compression Connector Tools Selection Guide, Pages E.3 - E.4)							
	CT-1700①		CT-720		A See Tool List Above		B See Tool List Above	
Panduit Part Number	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
	Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)							
RSC4-6	Gray P29 (2)	Blue P24 (2)	CD-720-1 Gray P29 (1)	CD-720-1 Blue P24 (1)	CD-2001-4 Gray P29 (1)	CD-2001-6 Blue P24 (1)	CD-920-4 Gray P29 (1)	CD-920-6 Blue P24 (1)
RSC2-6	Brown P33 (2)	Blue P24 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Blue P24 (1)	CD-2001-2 Brown P33 (1)	CD-2001-6 Blue P24 (1)	CD-920-2 Brown P33 (1)	CD-920-6 Blue P24 (1)
RSC2-4	Brown P33 (2)	Gray P29 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Gray P29 (1)	CD-2001-2 Brown P33 (1)	CD-2001-4 Gray P29 (1)	CD-920-2 Brown P33 (1)	CD-920-4 Gray P29 (1)
RSC1/0-6	—	—	CD-720-2 Pink P42 (1)	CD-720-1 Blue P24 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-6 Blue P24 (1)	CD-920-1/0 Pink P42 (1)	CD-920-6 Blue P24 (1)
RSC1/0-4	—	—	CD-720-2 Pink P42 (1)	CD-720-1 Gray P29 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-4 Gray P29 (1)	CD-920-1/0 Pink P42 (1)	CD-920-4 Gray P29 (1)
RSC2/0-6	—	—	CD-720-2 Black P45 (2)	CD-720-1 Blue P24 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-6 Blue P24 (1)	CD-920-2/0 Black P45 (1)	CD-920-6 Blue P24 (1)
RSC2/0-4	—	—	CD-720-2 Black P45 (2)	CD-720-1 Gray P29 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-4 Gray P29 (1)	CD-920-2/0 Black P45 (1)	CD-920-4 Gray P29 (1)
RSC4/0-6	—	—	CD-720-3 Purple P54 (2)	CD-720-1 Blue P24 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-6 Blue P24 (1)	CD-920-4/0 Purple P54 (1)	CD-920-6 Blue P24 (1)
RSC4/0-4	—	—	CD-720-3 Purple P54 (2)	CD-720-1 Gray P29 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-4 Gray P29 (1)	CD-920-4/0 Purple P54 (1)	CD-920-4 Gray P29 (1)
RSC4/0-1/0	—	—	CD-720-3 Purple P54 (2)	CD-720-2 Pink P42 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-4/0 Purple P54 (1)	CD-920-1/0 Pink P42 (2)
RSC4/0-2/0	—	—	CD-720-3 Purple P54 (2)	CD-720-2 Black P45 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-2/0 Black P45 (2)	CD-920-4/0 Purple P54 (1)	CD-920-2/0 Black P45 (2)
RSC500-X4/0	—	—	CD-720-7 Brown P87 (2)	CD-720-3 Yellow P62 (2)	CD-2001-500 Brown P87 (3)	CD-2001-250 Yellow P62 (2)	CD-920-500 Brown P87 (2)	CD-920-250 Yellow P62 (2)
RSC500-X350	—	—	CD-720-7 Brown P87 (2)	CD-720-6 Blue P76 (2)	CD-2001-500 Brown P87 (3)	CD-2001-400 Blue P76 (3)	CD-920-500 Brown P87 (2)	CD-920-400 Blue P76 (2)
RSC750-4/0	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-4/0 Purple P54 (1)
RSC750-X4/0	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-250 Yellow P62 (1)
RSC750-X350	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-400 Blue P76 (2)
RSC750-500	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-500 Brown P87 (2)
RSC750-X500	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-500A Pink P99 (2)
RSC750-750	—	—	—	—	—	—	CD-920-750, CD-940-750⑤ Black P106 (2)	CD-920-750, CD-940-750⑤ Black P106 (2)
RSCX750-4/0	—	—	—	—	—	—	CD-940-750X⑤ Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
RSCX750-750	—	—	—	—	—	—	CD-940-750X⑤ Yellow P115 (2)	CD-940-750⑤ Black P106 (2)

①The CT-1700 crimp die pockets are integrated into the tool frame. ③Maximum conductor size: 500 kmcil class I and 750 kcmil class B, C, Compact. ④CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ⑤CD-940 dies to be used with CT-940CH and CT-2940 series tools.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types RSC In-Line Reducing Splice

	Burndy					
	Y1MR, Y2MR		Y1MRTC		Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750-2, Y750BH-2,BAT35, BAT750, PAT644, PAT750	
	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Panduit Part Number	Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)					
RSC4-6	Gray (2)	Blue (3)	White (2)	Blue (3)	U4CR Gray 8 (1)	U5CRT Blue 7 (1)
RSC2-6	Brown (2)	Blue (3)	Brown (2)	Blue (3)	U2CRT Brown 10 (1)	U5CRT Blue 7 (1)
RSC2-4	Brown (2)	Gray (3)	Brown (2)	White (3)	U2CRT Brown 10 (1)	U4CRT Gray 8 (1)
RSC1/0-6	—	—	—	—	U25RT Pink 12 (1)	U5CRT Blue 7 (1)
RSC1/0-4	—	—	—	—	U25RT Pink 12 (1)	U4CRT Gray 8 (1)
RSC2/0-6	—	—	—	—	U26RT Black 13 (1)	U5CRT Blue 7 (1)
RSC2/0-4	—	—	—	—	U26RT Black 13 (1)	U4CRT Gray 8 (1)
RSC4/0-6	—	—	—	—	U28RT Purple 15 (1)	U5CRT Blue 7 (1)
RSC4/0-4	—	—	—	—	U28RT Purple 15 (1)	U4CRT Gray 8 (1)
RSC4/0-1/0	—	—	—	—	U28RT Purple 15 (1)	U25RT Pink 12 (2)
RSC4/0-2/0	—	—	—	—	U28RT Purple 15 (1)	U26RT Black 13 (1)
RSC500-X4/0	—	—	—	—	U34RT Brown 20 (2)	U29RT Yellow 16 (1)
RSC500-X350	—	—	—	—	U34RT Brown 20 (2)	U32RT Blue 19 (2)
RSC750-4/0	—	—	—	—	U39RT Black 24 (3)	U28RT Purple 15 (1)
RSC750-X4/0	—	—	—	—	U39RT Black 24 (3)	U29RT Yellow 16 (1)
RSC750-X350	—	—	—	—	U39RT Black 24 (3)	U32RT Blue 19 (2)
RSC750-500	—	—	—	—	U39RT Black 24 (3)	U34RT Brown 20 (2)
RSC750-X500	—	—	—	—	U39RT Black 24 (3)	U38XRT Pink L99 (3)
RSC750-750	—	—	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)
RSCX750-4/0	—	—	—	—	—	—
RSCX750-750	—	—	—	—	—	—

②Half width dies.

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types RSC In-Line Reducing Splice

	Thomas & Betts							
	TBM20S, TBM25S		TBM5, TBM6,TBM8		TBM12, 13642M		TBM14BSCR, BPLT14BSCR, 13100A, TBM14M	
	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Panduit Part Number	Die Part Number / Color Code and Die Index Number/ (Number Of Crimps)							
RSC4-6	Gray 29 (2)	Blue 24 (3)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)
RSC2-6	Brown 33 (2)	Blue 24 (3)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)
RSC2-4	Brown 33 (2)	Gray 29 (3)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)
RSC1/0-6	—	—	Pink 42 (1)	Blue 24 (1)	Pink 42 (1)	Blue 24 (1)	Pink 42H② (2)	Blue 24 (1)
RSC1/0-4	—	—	Pink 42 (1)	Gray 29 (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H② (2)	Gray 29 (1)
RSC2/0-6	—	—	Black 45 (2)	Blue 24(1)	Black/Gold 45 (1)	Blue 24 (1)	Black 45 (1)	Blue 24 (1)
RSC2/0-4	—	—	Black 45 (2)	Gray 29 (1)	Black/Gold 45 (1)	Gray 29 (1)	Black 45 (1)	Gray 29 (1)
RSC4/0-6	—	—	Purple 54 (2)	Blue 24 (1)	Purple/Olive 54 (1)	Blue 24 (1)	Olive 54H② (2)	Blue 24 (1)
RSC4/0-4	—	—	Purple 54 (2)	Gray 29 (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H② (2)	Gray 29 (1)
RSC4/0-1/0	—	—	Purple 54 (2)	Pink 42 (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H② (2)	Pink 42H② (4)
RSC4/0-2/0	—	—	Purple 54 (2)	Black 45 (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H② (2)	Black 45 (1)
RSC500-X4/0	—	—	—	—	Brown 87H② (2)	Yellow 62 (1)	Brown 87H② (2)	Yellow 62 (1)
RSC500-X350	—	—	—	—	Brown 87H② (2)	Blue 76H② (2)	Brown 87H② (2)	Blue 76 (1)
RSC750-4/0	—	—	—	—	Black/Orange 106H② (2)	Purple/Olive 54 (1)	Black 106H② (2)	Olive 54H② (2)
RSC750-X4/0	—	—	—	—	Black/Orange 106H② (2)	Yellow 62 (1)	Black 106H② (2)	Yellow 62 (1)
RSC750-X350	—	—	—	—	Black/Orange 106H② (2)	Blue 76H② (2)	Black 106H② (2)	Blue 76 (1)
RSC750-500	—	—	—	—	Black/Orange 106H② (2)	Brown 87H② (2)	Black 106H② (2)	Brown 87H② (2)
RSC750-X500	—	—	—	—	Black/Orange 106H② (2)	Pink 99H (2)	Black 106H② (2)	Pink 99H (2)
RSC750-750	—	—	—	—	Black/Orange 106H② (2)	Black/ Orange 106H② (2)	Black 106H② (2)	Black 106H② (2)
RSCX750-4/0	—	—	—	—	—	—	—	—
RSCX750-750	—	—	—	—	—	—	—	—

②Half width dies.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

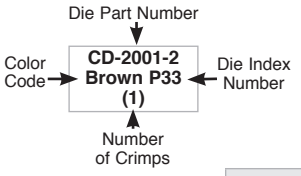
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types PSC

How to read this chart

For PSCBRN-L parallel splice and CT-3001/ST crimping tool:



Panduit Splice Part Number	Wire Strip Length (In.)	Panduit Crimping Tool Part Number (See Compression Connector Tools Selection Guide, pages E.3)		
		A See Uni-Die™ Dieless Tools Below	**B** See Tool List Below	**C** See Tool List Below
		Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
PSCRED-L	7/16	—	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
PSCBLU-L	7/16	—	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
PSCGRY-L	7/16	(1)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
PSCBRN-L	11/16	(1)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
PSCGRN-L	11/16	(1)	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
PSCPNK-L	11/16	(1)	CD-2001-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (1)
PSCBLK-Q	7/8	(1)	CD-2001-2/0 Black P45 (1)	CD-920-2/0 Black P45 (1)
PSCORG-Q	7/8	(1)	CD-2001-3/0 Orange P50 (1)	CD-920-3/0 Orange P50 (1)
PSCPUR-Q	1	(1)	CD-2001-4/0 Purple P54 (1)	CD-920-4/0 Purple P54 (1)
PSCYEL-Q	1 1/16	(1)	CD-2001-250 Yellow P62 (1)	CD-920-250 Yellow P62 (1)

*CD-920 dies can be used with CT-940CH and CT-2940 series tools with the die adapter.

A	CT-980, CT-980CH, CT-2950, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981
B	CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO
C	CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO*

Order number of pieces required, in multiples of Standard Package Quantity.

Notes

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

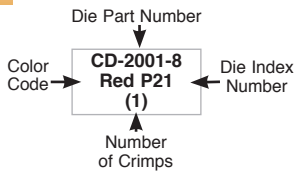
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCMA, LCMD and SCMS

How to read this chart

For LMCA16 lug and CT-3001/ST crimping tool:



A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO*

			Tool Chart for Metric Compression Connectors Types LCMA, LCMD, LCMDN and SCMS With Metric Class 2, 5 & 6 Copper Cable					
			Panduit Tool Part Number (For Class 2 Wire) See Tool Selector Guide Pg. E.6					
			CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	A See Tool List Above	B See Tool List Above
								Cembre Tool Part Number***
								HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)
Panduit Part No.	**Wire Size & Class**	**Wire Strip Length (mm)**	**Die Pocket Number (Crimp Qty.)**				**Die Part Number Color & Die Index Number (Crimp Qty.)**	
LCMA6 **LCMD6**	4 - 6mm² Class 2r	- -	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-
LCMA10 **LCMD10** **SCMS10**	10mm² Class 2r	- - 16.5	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMA16 **LCMD16** **SCMS16**	16mm² Class 2r	- - 19.0	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMA25 **LCMD25** **SCMS25**	25mm² Class 2r	- - 19.5	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA35 **LCMD35** **SCMS35**	35mm² Class 2r	- - 19.5	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA50 **LCMD50** **SCMS50**	50mm² Class 2r	- - 26.0	-	-	-	-	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70 **LCMD70** **SCMS70**	70mm² Class 2r	- - 27.5	-	-	-	-	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMA95 **LCMD95** **SCMS95**	95mm² Class 2r	- - 28.5	-	-	-	-	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMA120 **LCMD120** **LCMDN120** **SCMS120**	120mm² Class 2r	- - 30.0	-	-	-	-	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMA150 **LCMD150** **LCMDN150** **SCMS150**	150mm² Class 2r	- - 30.0	-	-	-	-	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMA185 **LCMD185** **SCMS185**	185mm² Class 2r	- - 32.0	-	-	-	-	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240 **LCMD240** **SCMS240**	240mm² Class 2r	- - 37.5	-	-	-	-	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300 **LCMD300** **SCMS300**	300mm² Class 2r	- - 39.0	-	-	-	-	-	CD-920-600 Green P94 (2)
LCMAX300 **LCMDX300** **SCMSX300**	-	- - 49.0	-	-	-	-	-	-
LCMA400 **LCMD400** **SCMS400**	400mm² Class 2r	- - 49.0	-	-	-	-	-	CD-920-750 CD-940-750** Black P106 (2)
LCMA500 **LCMD500** **SCMS500**	500mm² Class 2r	- - 49.5	-	-	-	-	-	CD-940-1000** White P125 (3)
LCMA630 **LCMD630** **SCMS630**	630mm² Class 2r	- - 67.0	-	-	-	-	-	CD-940-1000** White P125 (4)
LCMA630 **LCMD630**	1000 kcmil Class G	- -	-	-	-	-	-	CD-940-750A** Red P125 (1) CD-940-1000** White P125 (2)

* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ** CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
*** Cembre tools used with Panduit CD-920 dies. Maximum splice size with Cembre tools is SCMS185. ± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCMB and LCMC

			Tool Chart for Compression Connectors Types LCMB & LCMC, With Metric Class 2, 5 & 6 Copper Cable	
			Panduit Tool Part Number (For Class 2 Wire) See Tool Selector Giude Pg. E.6	
			A See Tool List Below	**B** See Tool List Below
				Cembre Tool Part Number
				HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)
Panduit Part No.	**Wire Size & Class**	**Wire Strip Length (mm)**	Die Part Number Color & Die Index Number (Crimp Qty.)	
LCMB10 LCMC10	10mm² Class 2r	25.6	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCMB16 LCMC16	16mm² Class 2r	28.8	CD-2001-8 Red P21 (1)	CD-2001-8 Red P21 (1)
LCMB25 LCMC25	25mm² Class 2r	28.3	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMB35 LCMC35	35mm² Class 2r	34.4	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMB50 LCMC50	50mm² Class 2r	38.2	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCMB70 LCMC70	70mm² Class 2r	39.6	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMB95 LCMC95	95mm² Class 2r	44.6	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMB120 LCMC120	120mm² Class 2r	41.3	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (2)
LCMB150 LCMC150	150mm² Class 2r	58.6	CD-2001-300 White P66 (2)	CD-920-300 White P66 (2)
LCMB185 LCMC185	185mm² Class 2r	57.9	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMB240 LCMC240	240mm² Class 2r	65.1	CD-2001-500 Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMB300 LCMC300	300mm² Class 2r	70.0	-	CD-920-600 Green P94 (2)
LCMBX300 LCMCX300	-	74.6	-	-
LCMB400 LCMC400	400mm² Class 2r	66.8	-	CD-920-750 CD-940-750** Black P106 (2)
LCMB500 LCMC500	500mm² Class 2r	77.8	-	CD-940-1000** White P125 (3)
LCMB630 LCMC630	630mm² Class 2r	85.9	-	CD-940-1000** White P125 (4)
LCMB630 LCMC630	1000 kcmil Class G	85.9	-	CD-940-750A** Red P125 (1) CD-940-1000** White P125 (2)

* CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.
** CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.
*** Cembre tools used with Panduit CD-920 and CDI-920 dies.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO*

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCMA, LCMD and SCMS

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO*

Tool Chart for Metric Compression Connectors Types LCMA, LCMD, LCMDN and SCMS With Metric Class 2, 5 & 6 Copper Cable										
		Panduit Tool Part Number (For Class 5 & 6 Wire) See Tool Selector Guide Pg. E.7								
		CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	**A** See Tool List Above	**B** See Tool List Above	**B** See Tool List Above		
							Cembre Tool Part Number***			
							HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)	HT131-C, HT-131LN-C, RHC 131LN, B 131-C, B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)		
Panduit Part No.	**Wire Size & Class**	**Die Pocket Number (Crimp Qty.)**				**Die Part Number Color & Die Index Number (Crimp Qty.)**		**Bottom Nest Die Part Number, Die Color, Index Number**	**Top Indentor Die Part Number, Die Index Number**	**Indenter (Crimp Qty.)**
LCMA6 **LCMD6**	4 - 6mm² Class 5f Only	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-	-	-	-
LCMA10 **LCMD10** **SCMS10**	-	-	-	-	-	-	-	-	-	-
LCMA16 **LCMD16** **SCMS16**	10mm² Class 5f Class 6f	-	-	-	-	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	CD-920-4 Gray P29	CDI-920-10 1	(1)
LCMA25 **LCMD25** **SCMS25**	16mm² Class 5f Class 6f	-	-	-	-	CD-2001-8 Red P21 (1) CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (1) CD-920-8 Red P21 (2)	CD-920-4 Gray P29	CDI-920-10 1	(1)
LCMA35 **LCMD35** **SCMS35**	25mm² Class 5f Class 6f	-	-	-	-	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	CD-920-1/0 Pink P42	CDI-920-24 2	(1)
LCMA50 **LCMD50** **SCMS50**	35mm² Class 5f Class 6f	-	-	-	-	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (2)	CD-920-3/0 Orange P50	CDI-920-24 2	(1)
LCMA70 **LCMD70** **SCMS70**	50mm² Class 5f Class 6f	-	-	-	-	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	CD-920-3/0 Orange P50	CDI-920-24 2	(1)
LCMA95 **LCMD95** **SCMS95**	70mm² Class 5f Class 6f	-	-	-	-	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	CD-920-250 Yellow P62	CDI-920-48 4	(1)
LCMA120 **LCMD120** **LCMDN120** **SCMS120**	95mm² Class 5f Class 6f	-	-	-	-	CD-2001-3/0 Orange P50 (2) CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (2) CD-920-3/0 Orange P50 (3)	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA150 **LCMD150** **LCMDN150** **SCMS150**	120mm² Class 5f Class 6f	-	-	-	-	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA185 **LCMD185** **SCMS185**	150mm² Class 5f Class 6f	-	-	-	-	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMA240 **LCMD240** **SCMS240**	185mm² Class 5f Class 6f	-	-	-	-	-	-	CD-920-500 Brown P87	CDI-920-48 4	(1)
LCMA300 **LCMD300** **SCMS300**	240mm² Class 5f Class 6f	-	-	-	-	-	-	CD-920-750 Black P106	CDI-920-60 6	(1)
LCMAX300 **LCMDX300** **SCMSX300**	300mm² Class 5f Only	-	-	-	-	-	-	CD-920-300MX P32	CDI-920-60 6	(1)
LCMA400 **LCMD400** **SCMS400**	-	-	-	-	-	-	-	-	-	-
LCMA500 **LCMD500** **SCMS500**	-	-	-	-	-	-	-	-	-	-
LCMA630 **LCMD630** **SCMS630**	-	-	-	-	-	-	-	-	-	-
LCMA630 **LCMD630**	-	-	-	-	-	-	-	-	-	-

* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter. ** CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
*** Cembre tools used with Panduit CD-920 dies. Maximum splice size with Cembre tools is SCMS185. ± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCMB and LCMC

		Tool Chart for Compression Connectors Types LCMB & LCMC, With Metric Class 2, 5 & 6 Copper Cable				
		Panduit Tool Part Number (For Class 5 & 6 Wire) See Tool Selector Guide Pg. E.7				
		A See Tool List Below	B See Tool List Below	B See Tool List Below		
			Cembre*** Tool Part Number			
			HT131-C, HT-131LN-C RHC 131LN, B 131-C B 131-C-KV, B 131LN-C, B 131-UC, (14.6 Ton Hyd.)	HT131-C, HT-131LN-C, RHC 131LN B 131-C, B 131-C-KV, B 131LN-C B 131-UC, (14.6 Ton Hyd.)		
Panduit Part No.	Wire Size & Class	Die Part Number Color & Die Index Number (Crimp Qty.)		Bottom Nest Die Part Part Number Die Color, Index Number	Top Indentor Die Part Number Die Index Number	Indenter (Crimps Per Connector)
LCMB10 LCMC10	-	-	-	-	-	-
LCMB16 LCMC16	10mm² Class 5f Class 6f	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	-	-	-
LCMB25 LCMC25	16mm² Class 5f Class 6f	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)	-	-	-
LCMB35 LCMC35	25mm² Class 5f Class 6f	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)	-	-	-
LCMB50 LCMC50	35mm² Class 5f Class 6f	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (2)	-	-	-
LCMB70 LCMC70	50mm² Class 5f Class 6f	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)	-	-	-
LCMB95 LCMC95	70mm² Class 5f Class 6f	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (2)	CD-920-250 Yellow P62	CDI-920-48 4	(1)
LCMB120 LCMC120	95mm² Class 5f Class 6f	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMB150 LCMC150	120mm² Class 5f Class 6f	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMB185 LCMC185	150mm² Class 5f Class 6f	-	-	CD-920-400 Blue P76	CDI-920-48 4	(1)
LCMB240 LCMC240	185mm² Class 5f Class 6f	-	-	CD-920-500 Brown P87	CDI-920-48 4	(1)
LCMB300 LCMC300	240mm² Class 5f Class 6f	-	-	CD-920-750 Black P106	CDI-920-60 6	(1)
LCMBX300 LCMCX300	300mm² Class 5f Only	-	-	CD-920-300MX P32	CDI-920-60 6	(1)
LCMB400 LCMC400	-	-	-	-	-	-
LCMB500 LCMC500	-	-	-	-	-	-
LCMB630 LCMC630	-	-	-	-	-	-
LCMB630 LCMC630	-	-	-	-	-	-

* CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.
** CD-940 dies to be used exclusively with CT-940CH and CT-2940 series tools.
*** Cembre tools used with Panduit CD-920 and CDI-920 dies.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

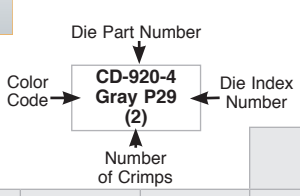
For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types LAA, LAB and SA

How to read this chart

For LAA6 and CT-2931/ST crimping tool:



Panduit Part Number L = Lug S = Splice	Std. Wire Size	Wire Strip Length (In.)	Panduit (See Compression Connector Tools Selection Guide, Pages E.5) CT-1700①	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die
			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)					
LAA6	#6 AWG	1	Gray P29 (5)	CD-720-1 Gray P29 (2)	KA4-6 Gray (2)	KA22-6 Gray (2)	CD-920-4 Gray P29 (2)	STD (1)
SA6		3/4						
LAA4	#4 AWG	1-1/16	Green P37 (5)	CD-720-2 Green P37 (2)	KA4-4 Green (2)	KA22-4 Green (2)	CD-920-1 Green P37 (2)	STD (1)
SA4		7/8						
LAA2	#2 AWG	1	—	CD-720-2 Pink P42 (2)	KA4-2 Pink (2)	KA22-2 Pink (2)	CD-920-1/0 Pink P42 (2)	STD (1)
SA2		7/16						
LAA1	#1 AWG	1	—	CD-720-2 Gold P45 (3)	KA4-1 Gold (3)	KA22-1 Gold (3)	CD-920-2/0 Gold P45 (2)	STD (1)
SA1		7/16						
LAA1/0 LAB1/0	1/0 AWG	1-9/16	—	CD-720-2 Tan P50 (3)	KA4-1/0 Tan (3)	KA22-1/0 Tan (3)	CD-920-3/0 Tan P50 (2)	STD (1)
SA1/0		1						
LAA2/0 LAB2/0	2/0 AWG	1-9/16	—	CD-720-3 Olive P54 (3)	KA4-2/0 Olive (3)	KA22-2/0 Olive (3)	CD-920-4/0 Olive P54 (2)	STD (1)
SA2/0		1-1/8						
LAA3/0 LAB3/0	3/0 AWG	1-9/16	—	CD-720-3 Ruby P60 (4)	—	KA22-3/0 Ruby (3)	CD-920-250 Ruby P60 (2)	STD (1)
SA3/0		1-1/4						
LAA4/0 LAB4/0	4/0 AWG	1-3/4	—	CD-720-4 White P66 (4)	—	KA22-4/0 White (4)	CD-920-300 White P66 (2)	STD (1)
SA4/0		1-5/16						
LAA250 LAB250	250 kcmil	1-3/4	—	CD-720-5 Red P71 (4)	—	KA22-250 Red (4)	CD-920-350 Red P71 (2)	STD (1)
SA250		1-7/16						
LAA300 LAB300	300 kcmil	2-5/16	—	CD-720-6 Blue P76 (4)	—	KA22-300 Blue (4)	CD-920-400 Blue P76 (2)	STD (1)
SA300		1-1/2						
LAA350 LAB350	350 kcmil	2-5/16	—	CD-720-7 Brown P87 (4)	—	KA22-350 Brown (4)	CD-920-500 Brown P87 (2)	STD (1)
SA350		1-5/8						
LAA400 LAB400	400 kcmil	2-9/16	—	—	—	—	CD-920-600 Green P94 (4)	STD (1)
SA400		1-13/16						
LAA500 LAB500	500 kcmil	3-1/16	—	—	—	—	CD-920-500A Pink P99 (4)	STD (1)
SA500		1-7/8						
LAA600 LAB600	600 kcmil	3-1/16	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (4)	STD (2)
SA600		2						
LAA750 LAB750	750 kcmil	3-7/16	—	—	—	—	CD-940-750A④ Red P125 (4)	—
SA750		2-1/4						
LAA800 LAB800	800 kcmil	3-7/16	—	—	—	—	CD-940-800A④ Gray P140 (4)	—
SA800		2-5/16						
LAA1000 LAB1000	1000 kcmil	4-3/4	—	—	—	—	CD-940-1000A④ Brown P161 (4)	—
SA1000		2-9/16						

①The CT-1700 crimp die pockets are integrated into the tool frame. ③CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter. ④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools. * Maximum size: 300 kcmil lugs and 2/0 splices.

A CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types LAA, LAB and SA

C CT-980, CT-980CH, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/STAUS, CT-2980/TO, CT-2981.

	Panduit (See Compression Connector Tools Selection Guide, Pages E.5)		Thomas & Betts			Burndy				Anderson
Panduit Part Number	**C** See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool	TBM5	TBM8	TBM15, TMB15I, TBMISBSCR	MY29	Y35	Y39	Y45,Y46	VC8
L = Lug S = Splice	Die Part Number/Color Code and Die Index Number/(Number Of Crimps)									
LAA6 SA6	—	STD (1)	Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	6AL (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	STD (1)
LAA4 SA4	STD (1)	STD (1)	Green 37 (2)	Green 37 (2)	Green 37 (2)	4AL (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	STD (1)
LAA2 SA2	STD (1)	STD (1)	Pink 42 (3)	Pink 42 (3)	Pink 42 (2)	2AL (1)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	STD (1)
LAA1 SA1	STD (1)	STD (1)	Gold 45 (3)	Gold 45 (3)	Gold 45 (2)	1AL (1)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	STD (1)
LAA1/0 LAB1/0 SA1/0	STD (2)	STD (1)	Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0AL (1)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	STD (2)
LAA2/0 LAB2/0 SA2/0	STD (2)	STD (1)	Olive 54 (3)	Olive 54 (3)	Olive 54 (3)	2/0AL (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	STD (2)
LAA3/0 LAB3/0 SA3/0	STD (2)	STD (1)	Ruby 60 (4)	Ruby 60 (4)	Ruby 60 (2)	3/0AL (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	STD (2)
LAA4/0 LAB4/0 SA4/0	STD (2)	STD (1)	—	White 66 (4)	White 66 (2)	4/0AL (2)	U28ART White 298 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (2)
LAA250 LAB250 SA250	STD (2)	STD (1)	—	Red 71 (4)	Red 71H② (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
LAA300 LAB300 SA300	STD (2)	STD (1)	—	Blue 76 (4)	Blue 76 (2)	—	U30ART Blue 470 (2)	U30ART Blue 470 (2)	U30ART Blue 470 (2)	STD (2)
LAA350 LAB350 SA350	STD (2)	STD (1)	—	Brown 87 (4)	Brown 87H② (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
LAA400 LAB400 SA400	STD (2)	—	—	—	Green 94H② (4)	—	U32ART Green 472 (4)	U32ART Green 472 (4)	U32ART Green 472 (4)	—
LAA500 LAB500 SA500	STD (3)	—	—	—	Pink 99H② (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
LAA600 LAB600 SA600	—	—	—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	U36ART Black 473 (4)	—
LAA750 LAB750 SA750	—	—	—	—	Yellow 115H② (4)	—	—	S39ART Red 301 (4)	S39ART Red 301 (4)	—
LAA800 LAB800 SA800	—	—	—	—	125H② (4)	—	—	Gray 474 (4)	Gray 474 (4)	—
LAA1000 LAB1000 SA1000	—	—	—	—	161 (5)	—	—	S44ART Brown 302 (4)	S44ART Brown 302 (4)	—

②Half width dies.

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

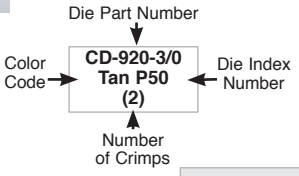
For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types BPC

How to read this chart

For BPC6 connector and CT-2931/ST crimping tool:



			Panduit		Thomas & Betts			Burndy	
Panduit Part Number	**Standard Wire Size**	**Wire Strip Length (In.)**	**CT-720**	**A See Tool List Below**	**13642M**	**TBM8**	**TBM15, TBM15I, TBM15BSCR**	**Y35, BAT35**	**Y39, Y45, Y46, Y39BH**
			Die Part Number/Color Code and Die Index Number/(Number Of Crimps)						
BPC6	#6 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
BPC4	#4 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
BPC2	#2 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
BPC1	#1 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-920-3/0 Tan P50 (2)	Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)
BPC1/0	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
BPC2/0	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
BPC3/0	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
BPC4/0	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)
BPC250	250 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
BPC300	300 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
BPC350	350 kcmil	1-7/16	—	CD-920-600 Green P94 (2)	Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)
BPC400	400 kcmil	1-7/16	—	CD-920-750, CD-940-750③ Black P106 (2)	Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
BPC500	500 kcmil	1-7/16	—	CD-920-750, CD-940-750③ Black P106 (2)	Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)
BPC600	600 kcmil	1-15/16	—	CD-940-750A③ Red P125 (2)	Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)
BPC750	750 kcmil	1-15/16	—	CD-940-750A③ Red P125 (2)	Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)

①Half width dies. ②CD-920 dies can be used with CT-940CH and CT-2940 series tools with die adapter.
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

A CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH,CT-940CH②, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940②, CT-2940/L②, CT-2940/LE②, CT-2940/ST②, CT-2940/STINT②, CT-2940/STUK②, CT-2940/STAUS②, CT-2940/TO②

Order number of pieces required, in multiples of Standard Package Quantity.

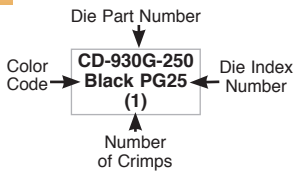
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types GCE, GCC and GPC

How to read this chart

For GCE250-1/0 lug and CT-2931/ST crimping tool:



Installation Tools		
12 TON	14 TON	15 TON
Panduit		
A See Tool List Below	CT-930 CT-930CH CT-2930 CT-2930/L CT-2930/LE	**B** See Tool List Below
Burndy		
Y750, Y750-2, Y750BH, Y750BH-2, BAT750-14V, PAT750-18V, PAT750C-18V, PAT750XT-18V, PAT750CXT-18V, LPHY750		Y46, Y46C, LPHY46
Thomas & Betts		
	TBM14M, TBM14MC, 13100A, TBM14RH, TBM14BSCR, BPLT14BSCRI	TBM15 TBM15BSCR

Panduit Part Number	Element	Copper Conductor Size Range	Ground Rod Size (In.)	Rebar Size (In.)	Panduit Crimp Die Part Number/Color Code/Die Index Number/(Number of Crimps)
GCE1/0-1/0	Main	#6 AWG SOL – 1/0 AWG STR	—	—	CD-930G-1/0 Red PG10 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X61/0-1/0	A	#6 AWG SOL – 1/0 AWG STR	—	—	
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE250-1/0	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-250 Black PG25 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X6250-1/0	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE250-250	Main	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	CD-930G-250 Black PG25 (1)
	Tap	1/0 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
GCE6X6250-250	A	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
	B	#2 AWG SOL – 250 kcmil	1/2 – 5/8	3/8 – 1/2, #3 – #4	
GPC4H250-2		#2 AWG SOL – 250 kcmil	—	—	
GCE500-1/0	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	Tap	#6 AWG SOL – 1/0 AWG STR	—	—	
GCC6X6500-1/0	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	
	B	#6 AWG SOL – 1/0 AWG STR	—	—	
GCE500-250	Main	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	CD-930G-500 Blue PG50 (1)
	Tap	1/0 AWG SOL – 250 kcmil	—	—	
GCC6X6500-250	A	250 – 500 kcmil	1/2 – 3/4	5/8 – 3/4, #5 – #6	
	B	#2 AWG SOL – 250 kcmil	—	—	

15 ton tools require the die adapter when used with CD-930G series crimping dies.
Panduit crimping dies must be used with all tooling (Panduit and competitor).
① Maximum size connector used withthis tool is GCE1/0-1/0 and GCC6x61/0-1/0, GPC4H connector not used with this tool.

A CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-2920, ①CT-2920/CCP, ①CT-2920/CCPINT, ①CT-2920/CCPUK, ①CT-2920/CCPAUS, ①CT-2920/CCPTO, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO.

B CT-940CH③,CT-2940③, CT-2940/L③, CT-2940/LE③, CT-2940/ST③, CT-2940/STINT③, CT-2940/STUK③, CT-2940/STAUS③, CT-2940/TO③

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

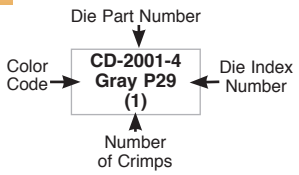
For use with Copper Conductors

Installation Tooling and Die Selections for:

Types CTAPF

How to read this chart

For CTAPF6-12 tap and CT-3001/ST crimping tool:



Panduit Part Number	Stranded Wire Size		Panduit			
			1700①	B See Tool List Below	A See Tool List Below	
	Main	Tap	Die Part Number/Color Code and Die Index Number/(Number of Crimps)			
CTAPF10-16	#14 AWG	#16 – #14 AWG	Red P21 (2)	—	—	CD-2001-8 Red P21 (1)
	#12 AWG	#16 – #12 AWG				
	#10 AWG	#14 AWG				
CTAPF8-12	#10 AWG	#10 AWG	Blue P24 (2)	—	—	CD-2001-6 Blue P24 (1)
	#8 AWG	#12 AWG				
CTAPF6-12	#8 AWG	#8 – #12 AWG	Gray P29 (2)	—	—	CD-2001-4 Gray P29 (1)
	#6 AWG	#12 – #10 AWG				
CTAPF4-12	#6 AWG	#8 – #6 AWG	Brown P33 (4)	CDM-920-2 Brown P33M (1)	CDM-2001-2 Brown P33M (1)	CD-2001-2 Brown P33 (2)
	#5, #4 AWG	#12 – #8 AWG				
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	Green P37 (4)	CDM-920-1 Green P37M (1)	CDM-2001-1 Green P37M (1)	CD-2001-1 Green P37 (2)
	#3 AWG	#12 – #6 AWG				
CTAPF2-12	#4 AWG	#4 AWG	—	CDM-920-1/0 Pink P42M (1)	CDM-2001-1/0 Pink P42M (1)	CD-2001-1/0 Pink P42 (2)
	#3 AWG	#5 AWG				
	#2 AWG	#12 – #6 AWG				
CTAPF1-12	#3 AWG	#4 – #3 AWG	—	CDM-920-2/0 Black P45M (1)	CDM-2001-2/0 Black P45M (2)	CD-2001-2/0 Black P45 (3)
	#2 AWG	#5 – #4 AWG				
	#1 AWG	#12 – #5 AWG				
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	—	CDM-920-3/0 Orange P50M (1)	CDM-2001-3/0 Orange P50M (2)	CD-2001-3/0 Orange P50 (3)
	#1 AWG	#4 – #3 AWG				
	1/0 AWG	#12 – #4 AWG				
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	CDM-920-4/0 Purple P54M (1)	—	CD-2001-4/0 Purple P54 (3)
	1/0 AWG	#3 – #2 AWG				
	2/0 AWG	#12 – #3 AWG				
CTAPF3/0-12	1/0 AWG	#1 – 1/0 AWG	—	CDM-920-250 Yellow P62M (1)	—	CD-2001-250 Yellow P62 (3)
	2/0 AWG	#2 – #1 AWG				
	3/0 AWG	#12 – #2 AWG				

①The CT-1700 crimp die pockets are integrated into the tool frame.
②CDM-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH②, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940②, CT-2940/L②, CT-2940/LE②, CT-2940/ST②, CT-2940/STINT②, CT-2940/STUK②, CT-2940/STAUS②, CT-2940/TO②

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types CTAPF (continued)

Panduit Part Number	Burndy		Thomas & Betts
	Y35, Y39, Y45, Y46, Y750BH-2 Y750, BAT35, BAT750, Y35BH, Y39BH, Y750BH, Y750HS, PAT750, Y750-2	Y500CT-HS, BCT500-HS, BCT500,Y500CT	TBM8-750, TBM8-750M-1, TBM8-750BSCR
	Die Part Number/Color Code and Die Index Number/(Number of Crimps)		
CTAPF10-16	—	—	—
CTAPF8-12	—	—	—
CTAPF6-12	—	—	—
CTAPF4-12	UC4 Brown 10M (1)	WC4 Brown 10M (1)	TBM8-750C20 (1)
CTAPF3-12	—	—	TBM8-750C2530 (1)
CTAPF2-12	UC2 Pink 12M (1)	WC2 Pink 12M (1)	TBM8-750C2530 (1)
CTAPF1-12	UC1 Black 13M (1)	WC1 Black 13M (2)	TBM8-750C3540 (1)
CTAPF1/0-12	UC25 Orange 14M (1)	WC25 Orange 14M (2)	TBM8-750C3540 (1)
CTAPF2/0-12	—	—	TBM8-750C4550 (1)
CTAPF3/0-12	—	—	TBM8-750C4550 (1)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②CDM-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

Continues on next page

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types CTAP

How to read this chart

For CTAPF4-6 tap and CT-3001/ST crimping tool:

Die Part Number
↓
CD-2001-BG (2)
↑
Die Index Number

Panduit Part Number	Conductor Size		Wire Strip Length (In.)	Panduit		Burndy	
				B See Tool List Below	**A** See Tool List Below	MD6, MD7	BAT35, BAT750, PAT750, Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS,Y750BH
	Main	Tap		Crimp Die Number/Index Number or Color Code/(Number Of Crimps)			
CTAP4-8	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP4-6	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (2)	W-BG (1) BG (2)	U-BG (1)
CTAP4-4	#4 AWG SOL or STR	#4 AWG STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP2-4	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2-2	#2 AWG SOL or STR	#2 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2/0-2	1/0 – 2/0 AWG	#8 – #2 AWG SOL or STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP2/0-2/0	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP4/0-2	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-2/0	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-4/0	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)

①CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/STAUS①, CT-2940/TO①

Order number of pieces required, in multiples of Standard Package Quantity.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types HTCT

How to read this chart

For HTCT6X tap and CT-2931/ST crimping tool:

Die Part Number

CD-920H-6 PH6

Die Index Number

Installation Tools		
15 TON	14 TON	12 TON
Panduit		
A See Tool List Below	**B** See Tool List Below	**C** See Tool List Below
Burndy		
Y46①, Y46C①	—	Y35, Y35-2, Y35BH, Y35BH-4, Y750, Y39, Y39BH, Y750-2, Y750BH, Y750BH-2, Y750HS, BAT35, BAT750, BAT750C, PAT750, PAT750C
Thomas & Betts		
TBM15I, TBM15BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	—

Panduit Part Number	Copper Conductor Sizes (Code Cable)				Copper Conductor Sizes (Flex Cable) Types G, H, I, K, M and Locomotive (DLO)				Crimp Die Color Code	Panduit Crimp Die Part Number/Die Index Number (Number of Crimps = 1)		
	Run	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3				
HTCT6X-6X	#6-#14 AWG	#6-#14 AWG	—	—	#6-#10 AWG	#6-#14 AWG	—	—	Orange	CD-920H-6 PH6	CD-920H-6 PH6	CD-920H-6 PH6
HTCT2-2	#2-#6 AWG	#2-#6 AWG	#8-#14 AWG	#8-#14 AWG	#2-#8 AWG	#2-#8 AWG	#8-#14 AWG	#8-#14 AWG	Brown	CD-920H-2 PH2	CD-920H-2 PH2	CD-920H-2 PH2
HTCT250-2	250 kcmil -#2 AWG	#2-#6 AWG	#8-#14 AWG	—	4/0-#2 AWG	#2-#8 AWG	#8-#14 AWG	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25
HTCT250-250	250 kcmil -#2 AWG	250 kcmil -#2 AWG	—	—	4/0-#2 AWG	4/0-#2 AWG	—	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25

①CD-920H and CD-930H dies can be used with CT-940CH and CT-2940 series Panduit tools and Y46 and Y46C Burndy tools with die adapter.
② Maximum size connector that can be used with this tool is HTCT250-2-1
Panduit crimping dies must be used with all tooling (Panduit and competitor) to maintain UL/CSA certifications for applications up to 600 V.

A	CT-940CH①, CT-2940①, CT-2940/L①, CT-2940/LE①, CT-2940/ST①, CT-2940/STINT①, CT-2940/STUK①, CT-2940/STAUS①, CT-2940/TO①
B	CT-930, CT-930CH, CT-2930, CT-2930/L, CT2930/LE
C	CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-2920, ②CT-2920/CCP, ②CT-2920/CCPINT, ②CT-2920/CCPUK, ②CT-2920/CCPAUS, ②CT-2920/CCPTO, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO

A. Cable Ties
B. Stainless Steel
C. Wiring Duct
D. Terminals and Reel Smart™ System
E. Power Connectors and Grounding
F. Part Number Index

Notes

Order number of pieces required, in multiples of Standard Package Quantity.

Part Number Index

Part Number	Page Number
B	
BPC1	E.90
BPC1/0	E.90
BPC2	E.90
BPC2/0	E.90
BPC3/0	E.90
BPC4	E.90
BPC4/0	E.90
BPC6	E.90
BPC250	E.90
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