

TIA-1005-A M.I.C.E. Rated



PANDUIT®

Selection Guide

TIA-1005-A M.I.C.E. Rated Product Selection Guide

When designing the physical infrastructure to support network communications in a manufacturing location, TIA-1005-A is a standard that must be considered.

According to the TIA-1005-A standard, there are three basic types of industrial areas:

- Factory Floor
- Work Area
- Automation Island

Designing for the manufacturing environment requires an intimate knowledge of these areas to ensure the infrastructure supports the different environments found on the plant floor. Considerations such as shock and vibration, handling of water or dust, temperature, washdown areas, exposure to acids or oil mixtures and electromagnetic noise must be taken into account when selecting solutions to support these harsh environments.

Environmental classifications and ratings based on Mechanical, Ingress, Climatic/Chemical, Electro Magnetic (M.I.C.E.) attributes provide a method of categorizing the environmental classes required for each of the industrial areas and are rated as 1 = low, 2 = medium, and 3 = high.

Whether you are designing for the factory floor, work area or automation island, Panduit offers solutions that meet the TIA-1005-A M.I.C.E. guidelines. This selection guide provides the industrial physical infrastructure designer with detailed M.I.C.E. information about each of Panduit's network products typically considered in industrial environments. For an expanded offering of level 1 parts that may be used in your industrial network, visit panduit.com.



	Increased Environmental Severity →		
Mechanical Shock, Vibration	M ₁	M ₂	M ₃
Ingress Water, Dust	I ₁	I ₂	I ₃
Climatic Chemical	C ₁	C ₂	C ₃
Electromagnetic	E ₁	E ₂	E ₃
	→ Office Industrial		

Copper Cable

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
- Not applicable
- C Contact technical support
- † **Tensile Connected:** This aspect of environmental classification is installation specific and should be considered in association with IEC 61918 and the appropriate component specification. The 300 and 500 N numbers were used as a reference to differentiate the levels

LEGEND ● Acceptable for use in environment X Not acceptable for use in environment – Not applicable C Contact technical support † Tensile Connected: This aspect of environmental classification is installation specific and should be considered in association with IEC 61918 and the appropriate component specification. The 300 and 500 N numbers were used as a reference to differentiate the levels		M.I.C.E. Final Rating				Detailed M.I.C.E. Rating																										
		Mechanical											Ingress		Climatic/Chemical												EMI					
		Shock (100 ms-1)	Vibration (7mm/20ms-1)	Tensile Connected (300N)†	Compression (1100N/150mm)	Impact Resistance (10J)	Torsion	Shock (250 ms-1)	Vibration (15mm/50 ms-1)	Tensile Connected (2)†	Compression (2200N/150mm)	Impact Resistance (30J)	Torsion	IP 54/65	IP 67	Operation Temp. (-25° to 70°C)	Temp. Change (1.0 °C/min)	Sun Radiation (See C3)	Oil Resistance (< 5.0 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	Operation Temp. (-40° to 70°C)	Temp. Change (3.0 °C/min)	Sun Radiation (1120 W/m²)	Oil Resistance (< 500 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	ESD, Transients, RF, Magnetic Field				
																												F ₁	F ₂	F ₃		
Part Number	Description	M	I	C	E	M ₂						M ₃					I ₂	I ₃	C ₂				C ₃				F ₁	F ₂	F ₃			
CATEGORY 7																																
PSM7004BU-KEM	4-pair, 23 AWG, S/FTP, LSZH, Blue, Euro pallet, 3280 ft./1000m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
PSMD7004BL-LED	MUD-resistant, 4-pair, 22 AWG stranded, S/FTP, LSZH (IEC 60332-3), SHF2, Black, Euro pallet, 1640 ft./500m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
PSMDA7004BL-LED	Armored, MUD-resistant, 4-pair, 22 AWG stranded, S/FTP, LSZH (IEC 60332-3), SHF2, Black, Euro pallet, 1640 ft./500m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
CATEGORY 6A																																
ISX6X04A*-LED	Industrial, 4-pair, 24/7 AWG stranded, S/FTP, PUR, 1640 ft./500m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
ISFCH6X04A*-UG	Industrial, 600 V, High Flex, 4-pair, 24/7 AWG stranded, SF/UTP, CM, 1000 ft./305m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C			●					●
ISFCH6X04B*-UG	Industrial, 600 V, High Flex, 4-pair, 26/7 AWG stranded, SF/UTP, CM, 1000 ft./305m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
IURH6X04*-UG	Industrial, 4-pair, 23/1 AWG, U/UTP, CMR, 600V rated, Oil Res., UV Res., Color, 1000 ft./305m reel	–	–	–	–																											
IFRH6X04*-UG	Industrial, 4-pair, 23/1 AWG, F/UTP, CMR, 600V rated, Oil Res., UV Res., Color, 1000 ft./305m reel	–	–	–	–																											
PUP6AHD04*-G	4-pair, 23 AWG stranded, UTP, CMP, 1000 ft./305m reel	1	–	1	1	X	–	X	X	X	X						–		X	X	X	X	X	X							●	
PURCA6X04BU-CG	Industrial, Armored, 4-Pair, 23 AWG, U/UTP, CMR, Blue Jacket within an Aluminum Interlock Armor with a Standard Grade CMR (PVC) Blue Outer Jacket, 1000 ft./305m reel	–	–	–	–																											
PURCA26X04BU-CG	Industrial, Armored, 2x4-Pair, 23 AWG, U/UTP, CMR, Blue Jacket within an Aluminum Interlock Armor with a standard grade CMR (PVC) Blue Outer Jacket, 1000 ft./305m reel	–	–	–	–																											
CATEGORY 5E																																
ISFCH5C02A*-XG	Industrial 600 V, High Flex, 2-pair, 24/7 AWG stranded, SF/UTP, CM, 1000 ft./305m reel	2	–	2	2	●	●	–	X	●	●						–			●		●	C	C	●		●					●
ISFCH5C04A*-XG	Industrial 600 V, High Flex, 4-pair, 24/7 AWG stranded, SF/UTP, CM, 1000 ft./305m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●
ISFX5502A*-LED	Industrial, 2-pair, 24/7 AWG stranded, SF/UTP, PUR, 1640 ft./500m reel	2	–	2	2	●	●	–	●	●	●						–			●		●	C	C	●		●					●

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

*Available in multiple colors

Copper Connectivity

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
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						Mechanical										Ingress		Climatic/Chemical										EMI					
		M	I	C	E	Shock (100 ms-1)	Vibration (7mm/20ms-1)	Tensile Connected (300N)†	Compression (1100N/150mm)	Impact Resistance (10J)	Torsion	Shock (250 ms-1)	Vibration (15mm/50 ms-1)	Tensile Connected (2)†	Compression (2200N/150mm)	Impact Resistance (30J)	Torsion	IP 54/65	IP 67	Operation Temp. (-25° to 70°C)	Temp. Change (1,0 °C/min)	Sun Radiation (See C3)	Oil Resistance (< 5,0 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	Operation Temp. (-40° to 70°C)	Temp. Change (3,0 °C/min)	Sun Radiation (1120 W/m²)	Oil Resistance (< 500 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	ESD, Transients, RF, Magnetic Field	
Part Number	Description					M ₂					M ₃					I ₂	I ₃	C ₂					C ₃					F ₁	F ₂	F ₃			
CATEGORY 6A																																	
IAEBH6XS	IndustrialNet™ variant 1 bulkhead, shielded connector	3	3	2	2							4	●	–	●	●	●		●	-20	●		●	C	C			●					●
IAEBH6X	IndustrialNet variant 1 bulkhead, UTP connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
IAEBHC6XS	IndustrialNet variant 1 shielded bulkhead connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				X	
CJSM6X88TG	RJ45, 8-position, 8-wire, marine universal module	2	1	1	2	●	●	–	X	X	–							X			X		X	X	X	●						●	
CJ6X88TG*	RJ45, 8-position, 8-wire, IP 40, universal module	1	1	1	1	X	X	X	X	X	X							X		X	X	X	X	X	X						●		
ISPS6A88MFA	IndustrialNet, field terminable, M12 X-code plug	3	3	1	2							●	●	–	●	●	–		●	●							●	●	●	●	C	●	
CATEGORY 6																																	
IAEBH6S	IndustrialNet variant 1 bulkhead, shielded connector	3	3	2	2							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
IAEBH6	IndustrialNet variant 1 bulkhead, UTP connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
IAEBHC6	IndustrialNet, UTP coupler connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
CATEGORY 5E																																	
IAEBH5ES	IndustrialNet variant 1 bulkhead, shielded connector	3	3	2	2							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
IAEBH5E	IndustrialNet variant 1 bulkhead, UTP connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
IAEBHC5E	IndustrialNet variant 1 bulkhead, UTP coupler connector	3	3	2	1							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
MPSI588T	24 AWG, shielded modular plug with bulkhead	3	3	2	2							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
MPI588T	24 AWG, shielded modular plug with bulkhead	3	3	2	2							●	●	–	●	●	●		●	-20	●		●	C	C			●				●	
ISPS5E44MFA	IndustrialNet, M12 D-code, field terminable modular plug	3	3	1	2							●	●	–	●	●	–		●	●							●	●	●	●	C	●	

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

*Available in multiple colors

Continued on next page

Copper Connectivity (continued)

LEGEND ● Acceptable for use in environment X Not acceptable for use in environment – Not applicable C Contact technical support † Tensile Connected: This aspect of environmental classification is installation specific and should be considered in association with IEC 61918 and the appropriate component specification. The 300 and 500 N numbers were used as a reference to differentiate the levels		M.I.C.E. Final Rating				Detailed M.I.C.E. Rating																																		
						Mechanical										Ingress		Climatic/Chemical										EMI												
		M	I	C	E	Shock (100 ms-1)	Vibration (7mm/20ms-1)	Tensile Connected (300N)†	Compression (1100N/150mm)	Impact Resistance (10J)	Torsion	Shock (250 ms-1)	Vibration (15mm/50 ms-1)	Tensile Connected (2)†	Compression (2200N/150mm)	Impact Resistance (30J)	Torsion	IP 54/65	IP 67	Operation Temp. (-25° to 70°C)	Temp. Change (1,0 °C/min)	Sun Radiation (See C3)	Oil Resistance (< 5,0 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	Operation Temp. (-40° to 70°C)	Temp. Change (3,0 °C/min)	Sun Radiation (1120 W/m²)	Oil Resistance (< 500 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	ESD, Transients, RF, Magnetic Field								
Part Number	Description					M ₂										M ₃										I ₂	I ₃	C ₂					C ₃					F ₁	F ₂	F ₃
USB																																								
IAEBHUSBAA	IndustrialNet Variant 1 bulkhead, USB 2.0 Female A to Female A coupler module					3	3	2	2							●	●	–	●	●	●		●	-20	●		●	C	C			●				●				
M12 ADAPTERS																																								
ICAM12DRJS	IndustrialNet, M12 D-code female to RJ45 Jack, panel mount adapter					1	1	1	2	●	●	–	X	X	–								X	X	●	●	X	●	C	C							●			
ICAM12XRJS	IndustrialNet, M12 X-code female to RJ45 Jack, panel mount adapter					1	1	1	2	●	●	–	X	X	–								X	X	●	●	X	●	C	C							●			
ICAM12X90RJS	IndustrialNet, M12 X-code, Female to 90° RJ45 Jack, panel mount adapter					1	1	1	2	●	●	–	X	X	–								X	X	●	●	X	●	C	C							●			

Bulk Fiber Cable/Industrial Cabinets and Enclosures

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
- Not applicable
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M	I	C	E	M ₂					M ₃					I ₂	I ₃	C ₂					C ₃					E ₁	E ₂		E ₃																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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FIBER DISTRIBUTION CABLE

FSJD912	9µm OS2 12 fibers, indoor/outdoor DDJ cable, riser (OFNR-LS), LSZH	3	1	3	3							●	●	●	●	●	●		●	-20	●		●	C	C								●
FOJDZ12	50µm OM4 12 fibers, indoor/outdoor DDJ cable, riser (OFNR-LS), LSZH	3	1	3	3							●	●	●	●	●	●		●		●		●	C	C								●

PRE-CONFIGURED MICRO DATA CENTER

MDC82NN	NEMA Type 12, IP55, single hinge front door with windowed glass, single hinge rear door, solid side panel (2), 42 RU, network cabling, patch panels, cable management, grounding, and casters. Color light gray. Dimensions: 78.7" H × 27.6" W × 47.2" D (2000mm × 700mm × 1200mm)	–	1	1	2	X	X	–	–	X	–									X	X	X	X	X	X								●
MDC82NL	NEMA Type 12, IP55, single hinge front door with windowed glass, single hinge rear door, solid side panel (1), side panel with cutout for 20k BTU AC (1), 42 RU, network cabling, patch panels, cable management, grounding, and casters. Color light gray. Dimensions: 78.7" H × 27.6" W × 47.2" D (2000mm × 700mm × 1200mm).	1	2	1	2	X	X	–	–	X	–							●		X	X	X	X	X	X								●

PRE-CONFIGURED INDUSTRIAL DISTRIBUTION FRAMES

ZDF242430	12U, ready for two access or two distribution switches	–	2	C	–	–	–	–	–	–	–							●		X	●	●	●	●	●							–
ZDF242430-6	12U, 316 stainless steel, ready for two access or two distribution switches	–	2	C	–	–	–	–	–	–	–							●		X	●	●	●	●	●							–
ZDF48-RA	Ready for two access and two distribution switches	–	2	C	–	–	–	–	–	–	–							●		X	●	●	●	●	●							–
ZDF48-6RA	316 stainless steel, ready for two access and two distribution switches	–	2	C	–	–	–	–	–	–	–							●		X	●	●	●	●	●							–

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

*Available in multiple colors

**Available in multiple lengths

***Available in multiple colors and lengths

****Available in multiple colors and fiber counts

^Available in multiple configurations and lengths

Network Zone System

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
- Not applicable
- C Contact technical support
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						M ₂					M ₃					I ₂	I ₃	C ₂					C ₃					E ₁	E ₂	E ₃				
Part Number	Description																																	
24" × 24" ENCLOSURES – CATEGORY 6A CONNECTIVITY AND FIBER UPLINK PATCH CORDS AND ADAPTERS																																		
Z22C-SS	Pre-configured network zone system, mild steel enclosure, for two industrial switches, includes (8) Category 6A STP copper patch cords and jacks, (2) MM LC fiber patch cords with (6) LC adapters, backplane and cable management	–	2	c	2	–	–	–	–	–	–	–	–	–	–	–	–	–	●	X	●	●	●	●	●	–	–	–	–	–	–	●	–	–
24" × 24" ENCLOSURES – CATEGORY 6 CONNECTIVITY AND FIBER UPLINK PATCH CORDS AND ADAPTERS																																		
Z22C-S	Pre-Configured network zone system, mild steel enclosure for two industrial switches, includes (8) Category 6 UTP copper patch cords and jacks, (2) MM LC fiber patch cords with (6) LC adapters, backplane and cable management	–	2	c	1	–	–	–	–	–	–	–	–	–	–	–	–	–	●	X	●	●	●	●	●	–	–	–	–	–	–	●	–	–
Z22C-6	Pre-Configured network zone system, 316 stainless steel enclosure, for two industrial switches includes (8) Category 6 UTP copper patch cords and jacks, (2) MM LC fiber patch cords with (6) LC adapters, backplane and cable management	–	2	c	1	–	–	–	–	–	–	–	–	–	–	–	–	–	●	X	●	●	●	●	●	–	–	–	–	–	–	●	–	–
24" × 36" ENCLOSURES – CATEGORY 6A CONNECTIVITY AND FIBER UPLINK PATCH CORDS AND ADAPTERS																																		
Z23C-SS	Pre-configured network zone system, mild steel enclosure, for two industrial switches, includes (16) Category 6A STP copper patch cords and jacks, (4) MM LC fiber patch cords with (6) LC adapters, backplane and cable management	–	2	c	2	–	–	–	–	–	–	–	–	–	–	–	–	–	●	X	●	●	●	●	●	–	–	–	–	–	–	●	–	–

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

*Available in multiple colors

**Available in multiple lengths

***Available in multiple colors and lengths

****Available in multiple colors and fiber counts

^Available in multiple configurations and lengths

Continued on next page

Network Zone System (continued)

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
- Not applicable
- C Contact technical support
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		M.I.C.E. Final Rating				Detailed M.I.C.E. Rating																												
						Mechanical										Ingress		Climatic/Chemical										EMI						
						Shock (100 ms-1)	Vibration (7mm/20ms-1)	Tensile Connected (300N)†	Compression (1100N/150mm)	Impact Resistance (10J)	Torsion	Shock (250 ms-1)	Vibration (15mm/50 ms-1)	Tensile Connected (2)†	Compression (2200N/150mm)	Impact Resistance (30J)	Torsion	IP 54/65	IP 67	Operation Temp. (-25° to 70°C)	Temp. Change (1,0 °C/min)	Sun Radiation (See C3)	Oil Resistance (< 5,0 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	Operation Temp. (-40° to 70°C)	Temp. Change (3,0 °C/min)	Sun Radiation (1120 W/m²)	Oil Resistance (< 500 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	ESD, Transients, RF, Magnetic Field		
Part Number	Description	M	I	C	E	M ₂					M ₃					I ₂	I ₃	C ₂					C ₃					E ₁	E ₂	E ₃				
24" × 36" ENCLOSURES - CATEGORY 6 CONNECTIVITY AND FIBER UPLINK PATCH CORDS AND ADAPTERS																																		
Z23C-S	Pre-Configured network zone system, mild steel enclosure, for two industrial switches, includes (16) Category 6 UTP copper patch cords and jacks, (4) MM LC fiber patch cords with (6) adapters, backplane and cable management.	–	2	c	1	–	–	–	–	–	–							●		X	●	●	●	●	●							●		
Z23C-6	Pre-Configured network zone system, 316 stainless steel enclosure, for two industrial switches, includes (16) Category 6 UTP copper patch cords and jacks, (4) MM LC fiber patch cords with (6) adapters, backplane and cable management	–	2	c	1	–	–	–	–	–	–							●		X	●	●	●	●	●							●		
WIRELESS ACCESS POINT ENCLOSURE																																		
PZNWE12	Designed for Power over Ethernet applications. Includes unshielded connectivity kit. External dimensions: 13.56" H × 13.47" W × 6.56" D. Internal dimensions: 11.70" H × 11.70" W × 6.29" D	1	2	1	2	X	X	–	–	X	–							●		X	X	X	X	X	X							●		
PZNWE14	Designed for traditional AC power applications. Includes unshielded connectivity kit. External dimensions: 15.50" H × 13.50" W × 6.25" D. Internal dimensions: 13.53" H × 11.55" W × 5.94" D	1	2	1	2	X	X	–	–	X	–							●		X	X	X	X	X	X							●		

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

Continued on next page

Network Zone System (continued)

LEGEND

- Acceptable for use in environment
- X Not acceptable for use in environment
- Not applicable
- C Contact technical support
- † **Tensile Connected:** This aspect of environmental classification is installation specific and should be considered in association with IEC 61918 and the appropriate component specification. The 300 and 500 N numbers were used as a reference to differentiate the levels

LEGEND ● Acceptable for use in environment X Not acceptable for use in environment – Not applicable C Contact technical support † Tensile Connected: This aspect of environmental classification is installation specific and should be considered in association with IEC 61918 and the appropriate component specification. The 300 and 500 N numbers were used as a reference to differentiate the levels		M.I.C.E. Final Rating				Detailed M.I.C.E. Rating																												
						Mechanical												Ingress		Climatic/Chemical												EMI		
		M	I	C	E	Shock (100 ms-1)	Vibration (7mm/20ms-1)	Tensile Connected (300N)†	Compression (1100N/150mm)	Impact Resistance (10J)	Torsion	Shock (250 ms-1)	Vibration (15mm/50 ms-1)	Tensile Connected (2)†	Compression (2200N/150mm)	Impact Resistance (30J)	Torsion	IP 54/65	IP 67	Operation Temp. (-25° to 70°C)	Temp. Change (1.0 °C/min)	Sun Radiation (See C3)	Oil Resistance (< 5.0 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	Operation Temp. (-40° to 70°C)	Temp. Change (3.0 °C/min)	Sun Radiation (1120 W/m²)	Oil Resistance (< 500 ppm)	Res. Liquid Chemicals	Res. Gaseous Agents	ESD, Transients, RF, Magnetic Field		
Part Number	Description	M ₂												M ₃				I ₂	I ₃	C ₂				C ₃				E ₁	E ₂	E ₃				
DIN RAIL MOUNT PATCHING																																		
FDPPSIG	IndustrialNet DIN Rail Fiber Optic Patch Panel with GP21 cable entry gland, for use with FAPs	1	–	1	3	–	X	–	X	X	–							–		X	X	X	X	X	X									●
FDPPEIG	IndustrialNet DIN rail fiber optic patch panel with GP21 cable entry gland, for use with FAPs and OptiCom cassettes	1	–	1	3	–	X	–	X	X	–							–		X	X	X	X	X	X									●
CADIN1IG	1-port DIN rail mount adapter with label	–	–	1	1	X	X	–	X	X	–							–		X	X	X	X	X	X							X		
CADIN1IG-S	1-port, Shielded DIN rail mount adapter with label	–	1	–	–	–	–	–	–	–	–							X		–	–	–	–	–	–							–		
CDPP8RG	IndustrialNet 8-Port DIN rail mount copper patch panel	–	–	1	1	X	X	–	X	X	–							–		X	X	X	X	X	X							X		
CDPP8RG-S	IndustrialNet shielded 8-Port DIN rail mount copper patch panel	–	–	1	1	X	X	–	X	X	–							–		X	X	X	X	X	–							X		
UNINTERRUPTIBLE POWER SUPPLY																																		
UPS00100DC	100 watts, 24-48 VDC in/out, DIN rail mount	1	1	1	–	–	–	–	–	–	–							–		–	–	–	–	–	–							–		
UPS003LSM	Load sense module	1	1	1	–	–	–	–	–	–	–							–		–	–	–	–	–	–							–		
FACEPLATES																																		
IAEFP1	Vertical, stainless steel, single gang faceplate accepts one IndustrialNet bulkhead connector or adapter	–	3	–	–	–	–	–	–	–	–							●		–	–	–	–	–	–							–		
IAEFP2-2G	Vertical, stainless steel, double gang faceplate accepts two IndustrialNet bulkhead connectors oradapters	–	3	–	–	–	–	–	–	–	–							●		–	–	–	–	–	–							–		
ZONE CABLING ACCESSORIES																																		
PZNDVK	Zone cabling drain and vent kit, NEMA 4× rating	–	3	–	–	–	–	–	–	–	–							●		–	–	–	–	–	–							–		

Note: In the case a lower M.I.C.E. rated part is needed to be used in a higher M.I.C.E. rated environment, please contact tech support for further guidance on the application

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