IndustrialNet™ 8-Port DIN Rail Mount Patching Solutions

specifications

8-port DIN rail mount fiber and copper patching solution shall be made of high impact polycarbonate material and shall mount to a standard 35mm DIN rail. Product shall have a removable faceplate that includes four label pockets, labels and covers for port identification. The product shall include adjustable latches to lock it in place when mounted on the DIN rail. Latch design shall also allow product to mount on a flat surface for vertical bulkhead mounting. Fiber solution shall provide enclosed fiber protection for terminated distribution style cabling and include a PG21 or 3/4 NPT cable cord grip to secure fiber cable(s) exiting the enclosure. 8-port DIN rail mount patching solution shall accept any Mini-Com® Module that occupies a single space.

technical information

Standards: Norme International Standard CEI IEC 60715; DIN EN 60715; DIN EN 50022; DIN 46277-3; BS 5584:1978; IEC 60068 Environmental Testing; cULus

Material: UL94V-0 engineering thermoplastic

RoHS compliance: Compliant

Mounting options: Mounts to a standard 35mm DIN rail; can also mount to other surfaces using mounting holes in latches

Packaging: Fiber enclosure includes PG21 cable entry gland which includes two inserts for use with a range of fiber cables and 6-32 x 3/8” phillips head screws to mount faceplate to patch panel and 4 labels and label covers. Copper patch panel includes 6-32 x 3/8” phillips head screws to mount faceplate to patch panel and 4 labels and label covers.

Temperature: Temperature range of -10°C to 60°C (14°F – 140°F) complies to UL 508 Panel standard and operating range of the ethernet switches

key features and benefits

DIN rail mount

Employs dual purpose, snap-in mounting latches which have an audible click to indicate the latch is in the correct position. The latches serve to hold the unit on the DIN rail while allowing it to slide side to side. Latches also serve as wall mounting brackets via an external mounting hole in the latch.

Modular

Accepts up to eight single Mini-Com® Copper and Fiber Modules, and fiber connectors

Patching

Easy and logical port mapping to common Ethernet mini-switch ports enables convenient MACs (Moves, Adds and Changes) in industrial telecommunications zone enclosure or control panel applications. IndustrialNet™ 8-port DIN Rail Mount Patching Solutions provides a testable permanent link for link commissioning and troubleshooting and provides flexibility and scalability for future growth.

Identification

DIN rail mount patching solutions include label pockets, labels, and transparent label covers for clear identification; complies with ANSI/EIA/TIA-606-A labeling requirements

applications

IndustrialNet™ 8-port DIN Rail Mount Patching Solutions conserve precious real estate by consolidating all patching (fiber and copper) onto the DIN rails of a zone enclosure or control panel and are designed to “port map” to Industrial Ethernet modular mini-switches. These products can be deployed as flexible, reconfigurable and high performance structured cabling elements in traditional hierarchical star, fiber to the enclosure (zone) or device level ring Industrial Ethernet architectures.

These structured cabling solutions are important as Ethernet reaches further into the industrial automation network, enabling traditional IT departments to manage change in the industrial network through the use of familiar patching facilities and structured cabling models. The use of Panduit IndustrialNet™ Modular Patching allows customers to easily deploy copper and fiber connectivity in the same modular DIN footprint in such applications.

www.panduit.com
Typical Configurations for 8-Port DIN Rail Fiber Enclosure

<table>
<thead>
<tr>
<th>FDME8RG (8-Port DIN Rail Fiber Enclosure)</th>
<th>CMBIG-X (Blank Adapter Module)</th>
<th>Fiber Connector and Adapter P/Ns</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>FLCDM5C8BY – LC, OM2, MM, duplex connector CMDSBLCC†† – LC, OM2, duplex adapter module.</td>
<td>2</td>
</tr>
<tr>
<td>1</td>
<td>6</td>
<td>FLCDSCB8UY – LC, OS1/OS2 MM, duplex connector CMDSLCC†† – LC, OS1/OS2 duplex adapter module.</td>
<td>2</td>
</tr>
<tr>
<td>1</td>
<td>4</td>
<td>FLCDM5C8BY – LC, OM2, MM duplex connector CMDSBLCC†† – LC, OM2, duplex adapter module.</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>4</td>
<td>FLCDSCB8UY – LC, OS1/OS2, MM, duplex connector CMDSLCC†† – LC, OS1/OS2 duplex adapter module.</td>
<td>4</td>
</tr>
</tbody>
</table>

Typical Configurations for 8-Port DIN Rail Copper Patch Panel

<table>
<thead>
<tr>
<th>CDPP8RG (8-port DIN Rail Copper Patch Panel)</th>
<th>CMBIG-X (Blank Adapter Module)</th>
<th>Copper Jack Modules P/Ns</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>CJ688TG** – Category 6 copper jack module.</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>4</td>
<td>CJ5E88TG** – Category 5e copper jack module.</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>CJ688TG** – Category 6 copper jack module.</td>
<td>8</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>CJ5E88TG** – Category 5e copper jack module.</td>
<td>8</td>
</tr>
</tbody>
</table>

†† = AW (Arctic White), BL (Black), BU (Blue), EI (Electric Ivory), EW (European White), IW (Off White), and TG (Technical Gray).

** = IW (Off White), WH (White), IF (International Gray), AW (Arctic White), EI (Electric Ivory), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet).

8-Port DIN Rail Fiber Optic Enclosure

Dimensions are in inches. [Dimensions in brackets are metric].

8-Port DIN Rail Copper Patch Panel

Dimensions are in inches. [Dimensions in brackets are metric].

Worldwide Subsidiaries and Sales Offices

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 900.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6306.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

Visit us at www.panduit.com
Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

©2013 Panduit Corp.
ALL RIGHTS RESERVED.
FBS093–WW-ENG
Replaces WW-FBSP49
2/2013