

<b>Product type designation</b>	<b>RUGGEDCOM RMC</b>
Product description	2 Port Ethernet Media and Speed Converter RUGGEDCOM RMC is an industrially hardened fiber optical media converter specifically designed to operate in harsh environments such as those found in electric utility substations and factory floors. different Fiber optic types DIN rail mounting is standard 48 = 48 VDC (36-59 VDC) XX = No power supply 2 TFXMMLC = MM 1300 nm, 2 km LC 1x 100TX to 1x 100FX XX = none C01 = Conformal Coating Manufacturing modification

Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s

Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	2; Options: 10BaseT to/from 10BaseFL, 100BaseTX to/from 100BaseFX
Number of electrical connections	
<ul style="list-style-type: none"> <li>• for network components or terminal equipment</li> <li>• for power supply</li> </ul>	1 1
Type of electrical connection	
<ul style="list-style-type: none"> <li>• for network components or terminal equipment</li> <li>• for power supply</li> </ul>	RJ45 port 5-pole terminal block
Number of optical interfaces	
<ul style="list-style-type: none"> <li>• for fiber optic cable / at 100 Mbit/s</li> </ul>	1
Design of the optical interface	
<ul style="list-style-type: none"> <li>• for fiber optic cable / at 10 Mbit/s</li> <li>• for fiber optic cable / at 100 Mbit/s</li> </ul>	ST Port MTRJ/LC Port
Range / at the optical interface / depending on the optical fiber used	2 ... 15 km

Supply voltage, current consumption, power loss	
Product options / wide range power supply	Yes
<b>Supply voltage / 1 / Rated value</b>	24 V
<ul style="list-style-type: none"> <li>• Supply voltage / 1 / rated value</li> <li>• Type of voltage / 1 / of the supply voltage</li> </ul>	18 ... 36 V DC
<b>Supply voltage / 2 / Rated value</b>	48 V
<ul style="list-style-type: none"> <li>• Supply voltage / 2 / rated value</li> <li>• Type of voltage / 2 / of the supply voltage</li> </ul>	36 ... 59 V DC
<b>Supply voltage / 3 / Rated value</b>	
<ul style="list-style-type: none"> <li>• Supply voltage / 3 / rated value</li> <li>• Type of voltage / 3 / of the supply voltage</li> </ul>	88 ... 300 V DC

<b>Supply voltage / 4 / Rated value</b>	
<ul style="list-style-type: none"> <li>Supply voltage / 4 / rated value</li> <li>Type of voltage / 4 / of the supply voltage</li> </ul>	85 ... 265 V AC
Product component / fusing at power supply input	Yes
Power loss [W]	
<ul style="list-style-type: none"> <li>maximum</li> </ul>	5 W

### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>Note</li> </ul>	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C A maximum ambient operating temperature of +85 °C is permissible for a duration of 16 hours
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Operating condition / fanless operation	Yes

### Design, dimensions and weight

Design	Compact
Width	58 mm
Height	109 mm
Depth	94 mm
Net weight	0.68 kg
Product feature / conformal coating	Conformal Coating optional
Material / of the enclosure	21 AWG galvanized steel enclosure
Mounting type	
<ul style="list-style-type: none"> <li>35 mm DIN rail mounting</li> <li>19-inch installation</li> <li>wall mounting</li> </ul>	Yes No Yes

### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>for EMC</li> <li>for safety / from CSA and UL</li> <li>for emitted interference</li> <li>for interference immunity</li> </ul>	FCC Part 15 (Class A), EN55022 (CISPR22 Class A) UL 60950-1, CSA C22.2 No. 60950-7 EN 61000-6-4 (Class A) EN 61000-6-2
Certificate of suitability	EN 61000-6-2, EN 61000-6-10
<ul style="list-style-type: none"> <li>relating to NEMA</li> <li>CE marking</li> <li>C-Tick</li> <li>IEC 61850-3</li> <li>IEEE 1613</li> </ul>	TS 2 Yes No Yes Yes
Product conformity	

- |                                 |     |
|---------------------------------|-----|
| • acc. to IEEE 802.3-10BaseT    | Yes |
| • acc. to IEEE 802.3u-100BaseTX | Yes |
| • acc. to IEEE 802.3u-100BaseFX | Yes |

### Further information / Internet-Links

#### Internet-Link

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|--|---|
| • to website: Industry Mall/RUGGEDCOM selector   | <a href="http://ruggedcom-selector.automation.siemens.com">http://ruggedcom-selector.automation.siemens.com</a> |
| • to website: Siemens RUGGEDCOM                  | <a href="http://siemens.com/ruggedcom">http://siemens.com/ruggedcom</a>   |
| • to website: Selector for cables and connectors | <a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>   |
| • to website: Industrial communication           | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>                             |
| • to website: Industry Mall                      | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>                               |
| • to website: Information and Download Center    | <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>             |
| • to website: Image database                     | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>                         |
| • to website: CAx Download Manager               | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>   |
| • to website: Industry Online Support            | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                         |

### Security information

#### Security information

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