

<b>Product-type designation</b>	<b>RUGGEDCOM RMC</b>
<b>Product description</b>	<p><b>2 Port Ethernet Media and Speed Converter</b></p> <p>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                  24 = 24 VDC (10-36 VDC) XX = NO POWER SUPPLY 2                  TFXMMLC = 1 X 100TX TO 1 X 100FX MULTIMODE,                  1300 NM,                  2 KM VIA LC CONNECTOR XX = NONE XX =                  MANUFACTURING MODIFICATION: NONE</p>
<b>Transmission rate</b>	
Transfer rate	
<ul style="list-style-type: none"> <li>• 1</li> <li>• 2</li> </ul>	<p>10 Mbit/s</p> <p>100 Mbit/s</p>
<b>Interfaces</b>	
Number of electrical/optical connections / for network components or terminal equipment / maximum	1
<ul style="list-style-type: none"> <li>• remark</li> </ul>	10BaseT -> 10BaseFL
Number of electrical connections	
<ul style="list-style-type: none"> <li>• for network components and terminal equipment</li> <li>• for serial interfaces / in accordance with RS 232/RS 422/RS 485 / maximum</li> <li>• for power supply</li> <li>• for redundant power supply</li> </ul>	<p>1</p> <p>1</p> <p>1</p> <p>0</p>
Design of electrical connection	
<ul style="list-style-type: none"> <li>• for network components and terminal equipment</li> <li>• for power supply</li> </ul>	<p>RJ45 port</p> <p>5-pole terminal block</p>
Number of optical interfaces / for optical waveguide	
<ul style="list-style-type: none"> <li>• at 100 Mbit/s</li> </ul>	1
Design of optical interface / for optical waveguide	
<ul style="list-style-type: none"> <li>• at 10 Mbit/s</li> <li>• at 100 Mbit/s</li> </ul>	<p>ST-Port</p> <p>ST-/MTRJ-/LC-Port</p>
Range / at the optical interface / depending on the optical fiber used	2 ... 15 km
<b>Supply voltage, current consumption, power loss</b>	
product options / wide range power supply	Yes

<b>Type / 1 / of supply voltage</b>	DC
Supply voltage / 1	
• rated value	24 V
• rated value	18 ... 36 V
<b>Type / 2 / of supply voltage</b>	DC
Supply voltage / 2	
• rated value	48 V
• rated value	36 ... 59 V
<b>Type / 3 / of supply voltage</b>	DC
Supply voltage / 3	
• nominal value	110 V
• rated value	88 ... 300 V
<b>Type / 4 / of supply voltage</b>	AC
Supply voltage / 4	
• rated value	85 ... 265 V
Product component / fusing at power supply input	Yes
Active power loss / at 24 V / for DC	5 W
Power loss	
• maximum	5 W
<b>Permitted ambient conditions</b>	
Ambient temperature	
• during operating	-40 ... +85 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
• Comment	A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Coating	Conformal Coating optional
operating condition / fanless operation	Yes
Protection class IP	IP40
<b>Design, dimensions and weight</b>	
Design	Compact
Width	58 mm ( 2.28 in )
Height	109 mm ( 4.29 in )
Depth	94 mm ( 3.7 in )
Net weight	0.68 kg
Material / of the enclosure	21 AWG galvanized steel enclosure
Mounting type	
• 35 mm DIN rail mounting	Yes

<ul style="list-style-type: none"> <li>• 19-inch installation</li> <li>• wall mounting</li> </ul>	<p>No</p> <p>Yes</p>
<b>Standards, specifications, approvals</b>	
Standard	
<ul style="list-style-type: none"> <li>• for EMC</li> <li>• for safety / of CSA and UL</li> <li>• for hazardous area / of CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	<p>FCC Part 15 (Class A), EN55022 (CISPR22 Class A)</p> <p>UL 60950-1, CSA C22.2 No. 60950-7</p> <p>Hazardous Locat...1 Division 2</p> <p>EN 61000-6-4 (Class A)</p> <p>EN 61000-6-2</p>
Verification of suitability	EN 61000-6-2, EN 61000-6-10
Verification of suitability	
<ul style="list-style-type: none"> <li>• regarding NEMA</li> <li>• CE mark</li> <li>• C-Tick</li> <li>• IEC 61850-3</li> <li>• IEEE 1613</li> </ul>	<p>TS 2</p> <p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p>
<b>Further Information / Internet Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Industry Mall/RUGGEDCOM-Selector</li> <li>• to website: Industry Mall</li> <li>• to website: Selector for cables and connectors</li> <li>• to website: Siemens RUGGEDCOM</li> <li>• to website: Industrial communication</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="http://ruggedcom-selector.automation.siemens.com">http://ruggedcom-selector.automation.siemens.com</a></p> <p><a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a></p> <p><a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a></p> <p><a href="http://siemens.com/ruggedcom">http://siemens.com/ruggedcom</a></p> <p><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a></p> <p><a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a></p> <p><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a></p> <p><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p><a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a></p>

**letzte Änderung:**

Jul 21, 2014