

6GK6001-0AC0.-.... RUGGEDCOM RMC

Technical Data

<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</p>



<b>Transmission rate</b>	
Transfer rate	
<ul style="list-style-type: none"> <li>• 1</li> </ul>	10 Mbit/s
<ul style="list-style-type: none"> <li>• 2</li> </ul>	100 Mbit/s
<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> </ul>	1
<ul style="list-style-type: none"> <li>• for serial interfaces / in accordance with RS 232/RS 422/RS 485 / maximum</li> </ul>	1
<ul style="list-style-type: none"> <li>• for power supply</li> </ul>	1
<ul style="list-style-type: none"> <li>• for redundant power supply</li> </ul>	0
Design of electrical connection	
<ul style="list-style-type: none"> <li>• for network components and terminal equipment</li> </ul>	RJ45 port
<ul style="list-style-type: none"> <li>• for power supply</li> </ul>	5-pole terminal block
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>	ST-Port ST-MTRJ/LC-Port
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 of voltage / 1 / of the supply voltage</b>	DC
Supply voltage / 1	
<ul style="list-style-type: none"> <li>rated value</li> <li>rated value</li> </ul>	24 V 18...36 V
<b>Type of voltage / 2 / of the supply voltage</b>	DC
Supply voltage / 2	
<ul style="list-style-type: none"> <li>rated value</li> <li>rated value</li> </ul>	48 V 36...59 V
<b>Type of voltage / 3 / of the supply voltage</b>	DC
Supply voltage / 3	
<ul style="list-style-type: none"> <li>nominal value</li> <li>rated value</li> </ul>	110 V 88...300 V
<b>Type of voltage / 4 / of the supply voltage</b>	AC
Supply voltage / 4	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	85...265 V
Product component / fusing at power supply input	Yes
Active power loss / at 24 V/ for DC	5 W
Power loss	
<ul style="list-style-type: none"> <li>maximum</li> </ul>	5 W
<b>Permitted ambient conditions</b>	
Ambient temperature	
<ul style="list-style-type: none"> <li>during operating</li> <li>during storage</li> <li>during transport</li> <li>Comment</li> </ul>	-40...+85 °C -40...+80 °C -40...+80 °C 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
Type of mounting	
<ul style="list-style-type: none"> <li>• 35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Installation 19 inch</li> </ul>	No
<ul style="list-style-type: none"> <li>• wall mounting</li> </ul>	Yes
<b>Standards, specifications, approvals</b>	
Standard	
<ul style="list-style-type: none"> <li>• for EMC</li> </ul>	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
<ul style="list-style-type: none"> <li>• for safety / of CSA and UL</li> </ul>	UL 60950-1, CSAC22.2 No. 60950-7
<ul style="list-style-type: none"> <li>• for hazardous area / of CSA and UL</li> </ul>	Hazardous Locat...1 Division 2
<ul style="list-style-type: none"> <li>• for emitted interference</li> </ul>	EN 61000-6-4 (Class A)
<ul style="list-style-type: none"> <li>• for interference immunity</li> </ul>	EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-10
Verification of suitability	
<ul style="list-style-type: none"> <li>• regarding NEMA</li> </ul>	TS 2
<ul style="list-style-type: none"> <li>• CE mark</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• C-Tick</li> </ul>	No
<ul style="list-style-type: none"> <li>• IEC 61850-3</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• IEEE 1613</li> </ul>	Yes
<b>Further Information / Internet Links</b>	
Internet link	
<ul style="list-style-type: none"> <li>• to website</li> </ul>	
<ul style="list-style-type: none"> <li>• Industry Mall/RUGGEDCOM Selector</li> </ul>	<a href="http://ruggedcom-selector.automation.siemens.com">http://ruggedcom-selector.automation.siemens.com</a>
<ul style="list-style-type: none"> <li>• Industry Mall</li> </ul>	<a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>
<ul style="list-style-type: none"> <li>• selection instrument cables and connectors</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• CAx-Download-Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• Information und Download Center</li> </ul>	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
<ul style="list-style-type: none"> <li>• image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• Industry Online Support</li> </ul>	<a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a>

**letzte Änderung:**

Feb 24, 2014