

Product type designation	RUGGEDCOM RMC
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 TFXSM = SM 310 nm, 15 km SFF LC 1x 100TX to 1x 100FX XX = none C01 = Conformal Coating Manufacturing modification

Transfer rate

Transfer rate	10 Mbit/s, 100 Mbit/s
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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"> • for network components or terminal equipment • for power supply 	1 1
Type of electrical connection	
<ul style="list-style-type: none"> • for network components or terminal equipment • for power supply 	RJ45 port 5-pole terminal block
Number of optical interfaces	
<ul style="list-style-type: none"> • for fiber optic cable / at 100 Mbit/s 	1
Design of the optical interface	
<ul style="list-style-type: none"> • for fiber optic cable / at 10 Mbit/s • for fiber optic cable / at 100 Mbit/s 	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
Supply voltage / 1 / Rated value	24 V
<ul style="list-style-type: none"> • Supply voltage / 1 / rated value • Type of voltage / 1 / of the supply voltage 	18 ... 36 V DC
Supply voltage / 2 / Rated value	48 V
<ul style="list-style-type: none"> • Supply voltage / 2 / rated value • Type of voltage / 2 / of the supply voltage 	36 ... 59 V DC
Supply voltage / 3 / Rated value	
<ul style="list-style-type: none"> • Supply voltage / 3 / rated value • Type of voltage / 3 / of the supply voltage 	88 ... 300 V DC

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

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport Note 	-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"> 35 mm DIN rail mounting 19-inch installation wall mounting 	Yes No Yes

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for EMC for safety / from CSA and UL for emitted interference for interference immunity 	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"> relating to NEMA CE marking C-Tick IEC 61850-3 IEEE 1613 	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 | http://ruggedcom-selector.automation.siemens.com |
| • to website: Siemens RUGGEDCOM | http://siemens.com/ruggedcom |
| • to website: Selector for cables and connectors | http://www.siemens.com/snst |
| • to website: Industrial communication | http://www.siemens.com/simatic-net |
| • to website: Industry Mall | https://mall.industry.siemens.com |
| • to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| • to website: Image database | http://automation.siemens.com/bilddb |
| • to website: CAx Download Manager | http://www.siemens.com/cax |
| • to website: Industry Online Support | https://support.industry.siemens.com |

Security information

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