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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

Transmission 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	
• for network components or terminal equipment	1
• for power supply	1
Type of electrical connection	
• for network components or terminal equipment	RJ45 port
• for power supply	5-pole terminal block
Number of optical interfaces	
• for fiber optic cable / at 100 Mbit/s	1
Design of the optical interface	
• for fiber optic cable / at 10 Mbit/s	ST Port
• for fiber optic cable / at 100 Mbit/s	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
• Supply voltage / 1 / rated value	18 ... 36 V
• Type of voltage / 1 / of the supply voltage	DC
Supply voltage / 2 / Rated value	48 V
• Supply voltage / 2 / rated value	36 ... 59 V
• Type of voltage / 2 / of the supply voltage	DC
Supply voltage / 3 / Rated value	110 V
• Supply voltage / 3 / rated value	88 ... 300 V
• Type of voltage / 3 / of the supply voltage	DC
Supply voltage / 4 / Rated value	
• Supply voltage / 4 / rated value	85 ... 265 V
• Type of voltage / 4 / of the supply voltage	AC

Product component / fusing at power supply input	Yes
Power loss [W]	
• maximum	5 W

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
• Note	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	optional
Material / of the enclosure	21 AWG galvanized steel enclosure
Mounting type	
• 35 mm DIN rail mounting	Yes
• 19-inch installation	No
• wall mounting	Yes

Standards, specifications, approvals

Standard	
• for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-7
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability	EN 61000-6-2, EN 61000-6-10
• relating to NEMA	TS 2
• CE marking	Yes
• C-Tick	No
• IEC 61850-3	Yes
• IEEE 1613	Yes
product conformity	
• acc. to IEEE 802.3-10BaseT	Yes
• acc. to IEEE 802.3u-100BaseTX	Yes
• acc. to IEEE 802.3u-100BaseFX	Yes

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Further Information / Internet Links

Internet-Link

- 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

Security information

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