

Product type designation	RUGGEDCOM RMM2972-4SFP Media Module for RUGGEDCOM RST2228, 4 x SFP-slot. Supporting 100BASE-FX, 1000BASE-X SFPs, SFPs are not included.
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Suitability for operation	RST2228
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Interfaces

Number of electrical connections	
- for network components or terminal equipment / maximum - for SFP / plug-in	0 4; Supported SFPs: RUGGEDCOM SFP1112-1, SFP1121-1FX2, SFP1131-1FX20, SFP1131-1FX50, SFP1131-1FX90, SFP1122-1SX, SFP1122-1SX2, SFP1132-1LX10, SFP1132-1LX25, SFP1132-1LX40, SFP1132-1LX70, SFP1132-1LX100, SFP1132-1LX115, SFP1132-1BX10R, SFP1132-1BX10T, SFP1132-1BX40R, SFP1132-1BX40T

Ambient conditions

Ambient temperature	
- during operation - during storage - during transport - Note	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C A maximum operating temperature of +85 °C is permissible for a duration of 16 hours

Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP30 (when installed)

Design, dimensions and weights

Design	Media module
Width	99.4 mm
Height	21.6 mm
Depth	120.1 mm
Product feature / conformal coating	No
Mounting type	screwed
• Installation in media module slot	Yes

Standards, specifications, approvals

Standard	
• for EMC	EN55032, IEC/EN 61000-6-2, (21 CFR Chapter I, Sub-chapter J: Health and safety, Class I laser)
• for hazardous zone	planned
• for safety / from CSA and UL	cCSAus (Compliant with CSA C22.2 No. 60950-1, UL60950-1, EN60950-1, IEC60950-1)
• for hazardous zone / from CSA and UL	planned
• for emitted interference	CISPR32, EN 55032, FCC Part15 Class A, CAN ICES-3 Class A / NMB-3 Class A
• for interference immunity	IEC 61000-6-2
Laser protection class	Complies with 21 CFR chapter 1, subchapter J
Certificate of suitability	
• relating to NEMA	NEMA TS-2 (planned)
• CE marking	Yes
• C-Tick	No
• KC approval	No
• E1 approval	No
• E1 approval	No
• Railway application in accordance with EN 50155	No
• Railway application in accordance with EN 50121-4	Yes
• Railway application in accordance with EN 50124-1	No
• Fire protection in accordance with EN 45545-2	No
• IEC 61850-3	Yes
• IEEE 1613	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• DNV GL	No

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: 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>

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