SIEMENS

Data sheet 6GK6297-3RD00-4AB1

Media Module for RUGGEDCOM RST2000 series, 4 x RJ45, 10/100/1000 BASE-TX with Conformal Coating



Technical Product Detail Page	https://i.siemens.com/1P6GK6297-3RD00-4AB1
suitability for operation	RST2228
interfaces	
number of electrical connections	
● for network components or terminal equipment / maximum	4
● for Power-over-Ethernet / for network components or terminal equipment	0
● for SFP / plug-in	0
number of 10/100/1000 Mbit/s RJ45 ports	4
type of electrical connection	
● for network components or terminal equipment	RJ45
number of optical interfaces / for network components or terminal equipment / maximum	0
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
● note	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	Yes
fastening method	screwed
● installation in media module slot	Yes
standards, specifications, approvals	
standard	
● for EMC	EN55032, IEC/EN 61000-6-2
● 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

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● for interference immunity	IEC 61000-6-2
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

standards, specifications, approvals / Environmental Product Declaration

Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	259.55 kg
● during manufacturing	13.3 kg
● during operation	246.21 kg
● after end of life	0.04 kg

further information / internet links

internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to website: Industry Mall/RUGGEDCOM selector	https://www.siemens.com/ruggedcom-selector
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to website: Siemens RUGGEDCOM	https://www.siemens.com/ruggedcom
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

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Approvals / Certificates

General Product Approval	other	Environment
CE EG-Konf.	Miscellaneous inspection certificate	EPD

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