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Data sheet 6GK6297-3RD00-4AB0

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



Technical Product Detail Page	https://i.siemens.com/1P6GK6297-3RD00-4AB0
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	No
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

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

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

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