

Product type designation	RUGGEDCOM Media Module 3D
Product description	4 port serial interface module (4 x RS232/RS422/RS485 via DB9) RUGGEDCOM MEDIA MODULE RS416 4 PORT SERIAL INTERFACE MODULE (4 X RS232/RS422/RS485 VIA DB9) EQUIVALENT TO 3D
Suitability for operation	RS416

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	4
Number of electrical connections <ul style="list-style-type: none"> • for network components or terminal equipment / maximum 	4

Permitted 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 %
Protection class IP	IP20

Design, dimensions and weight

Design	Media module
Width	110 mm
Height	22 mm
Depth	91 mm
Net weight	0.43 kg
Coating	no
Mounting type <ul style="list-style-type: none"> • Installation in media module slot 	screwed Yes

Standards, specifications, approvals

Standard <ul style="list-style-type: none"> • for EMC • for safety / from CSA and UL • for hazardous zone / 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 Hazardous Locations: Class 1 Division 2 EN 61000-6-4 (Class A) EN 61000-6-2
---	--

Certificate of suitability	EN 61000-6-2, EN 61000-6-10
• CE marking	Yes
• C-Tick	No
• KC approval	No
• E1 approval	No
• IEC 61850-3	Yes

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/automation/net/catalog
• 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
last modified:	16.03.2015