

6GK6010-0AP0.-.... RUGGEDCOM RP100

Technical Data

Product-type designation RUGGEDCOM RP100

Product description



Power Injector for PoE, IEEE802.3af + 802.3at

THE RUGGEDCOM RP100 PROVIDES THE FLEXIBILITY TO POWER REMOTE POE DEVICES USING STANDARD CAT5 CABLE. CONVERGING DATA AND POWER ONTO A SINGLE CABLE. COMPATIBLE WITH THE LATEST 802.3AT HIGH POWER POE STANDARD AND BACKWARDS COMPATIBLE WITH LOW POWER 802.3AF POE DEVICES. SUBSTATION RATED IEC 61850-3, IEEE 1613, -40 TO +85 CEL. OPERATING TEMPERATURE (NO FANS) PANEL OR DIN MOUNTING, LIGHTWEIGHT CAST ALUMINUM ENCLOSURE

Transmission rate

Transfer rate	
• 1	10 Mbit/s
• 2	100 Mbit/s

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of electrical connections	
• for network components and terminal equipment	2
• for Power-over-Ethernet / for network components or terminal equipment	1
• for power supply	1
• for redundant power supply	0
Design of electrical connection	
• for network components and terminal equipment	RJ45-Port
• for Power-over-Ethernet / for network components or terminal equipment	RJ45-Port
• for power supply	5-pole terminal block

Supply voltage, current consumption, power loss

Type of voltage / 1 / of the supply voltage	DC
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Supply voltage / 1	
• rated value	10...60 V
Type of voltage / 2 / of the supply voltage	DC
Supply voltage / 2	
• rated value	110 V
• rated value	88...300 V
Type of voltage / 3 / of the supply voltage	AC
Supply voltage / 3	
• rated value	85...264 V
Permitted ambient conditions	
Ambient temperature	
• during operating	-40...+85 °C
• during storage	-40...+80 °C
• during transport	-40...+80 °C
• Comment	A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Coating	conformal coating optional
Protection class IP	IP40
Design, dimensions and weight	
Design	compact
Width	56.5 mm (2.225 in)
Height	117.5 mm (4.625 in)
Depth	95.2 mm (3.75 in)
Net weight	1 kg
Type of mounting	
• 35 mm DIN rail mounting	Yes
• S7-300 rail mounting	No
• Installation 19 inch	No
• mounting plate	No
• wall mounting	Yes
Standards, specifications, approvals	
Standard	
• for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 no. 60950-7
• for hazardous area / of CSA and UL	Hazardous Locations: Class 1 Division 2
Verification of suitability	EN 61000-6-2, EN 61000-6-10
Verification of suitability	
• regarding NEMA	TS 2
• CE mark	Yes
• C-Tick	No
• IEC 61850-3	Yes
Further Information / Internet Links	
Internet link	

- to website
- Industry Mall/RUGGEDCOM Selector <http://ruggedcom-selector.automation.siemens.com>
- Industry Mall <http://www.siemens.com/industrial-controls/mall>
- selection instrument cables and connectors <http://www.siemens.com/snst>
- CAx-Download-Manager <http://www.siemens.com/cax>
- industrial communication <http://www.siemens.com/simatic-net>
- Information und Download Center <http://www.siemens.com/automation/net/catalog>
- image database <http://automation.siemens.com/bilddb>
- Industry Online Support <http://support.automation.siemens.com>

letzte Änderung:

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