

Product type designation	RUGGEDCOM MX5000PN PS MHIF POWER SUPPLY 88- 300VDC OR 85 - 264VAC SUPPORTS TERMINAL BLOCK ON FRONT
Suitability for operation	MX5000
Electrical data / Input	
Supply voltage / 1 / Rated value	110 V
• Supply voltage / 1 / Rated value	88 ... 300 V
• Type of voltage / 1 / of the supply voltage	DC
Supply voltage / 2 / Rated value	110 V
• Supply voltage / 2 / Rated value	85 ... 264 V
• Type of voltage / 2 / of the supply voltage	AC
Interfaces	
Number of electrical connections	
• for power supply	1
• for signaling contact	1
Type of electrical connection	
• for power supply	3 pole terminal block, permanently installed, screw contact
• for signaling contact	3 pole terminal block, permanently installed, plug contact
Signal-Inputs/outputs	
Product component / Signaling contact	Yes
Relay design	Relay with form-C contact (CO, change over)
Number of relay outputs / as CO contact	1
Operating voltage / of the signaling contacts	
• with AC / maximum	250 V
• for DC / maximum	30 V
Operating current / of the signaling contacts	
• with AC / at 250 V / maximum	0.25 A
• for DC / at 30 V / maximum	2 A
Design, dimensions and weight	
Net weight	1.5 kg
Mounting type	
• screw connection	Yes
Permitted ambient conditions	
Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C

<ul style="list-style-type: none"> • during transport • Note 	-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

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 <ul style="list-style-type: none"> • relating to NEMA • CE marking • IEC 61850-3 • IEEE 1613 	EN 61000-6-2, EN 61000-6-10 TS 2 Yes Yes Yes

Further Information / Internet Links

Internet-Link <ul style="list-style-type: none"> • to website: Industry Mall/RUGGEDCOM selector • to website: Siemens RUGGEDCOM • to website: Selector for cables and connectors • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	http://ruggedcom-selector.automation.siemens.com http://siemens.com/ruggedcom http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/automation/net/catalog http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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last modified: 16.03.2015