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Data sheet 6GK6000-8PS13-1EA1

product type designation	**RUGGEDCOM 2488-HI CC power supply**
	Power Supply Module for RUGGEDCOM RSG2488, High Voltage Power Supply AC/DC, 88 - 264 VAC or 98 - 300 VDC with Conformal Coating
product brand name	RUGGEDCOM
Technical Product Detail Page	https://i.siemens.com/1P6GK6000-8PS13-1EA1
suitability for operation	RSG2488
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	
● supply voltage / 2 / rated value	88 ... 265 V
● type of voltage / 2 / of the supply voltage	AC
interfaces	
number of electrical connections	
● for power supply	1
type of electrical connection	
● for power supply	internal terminal strip
design, dimensions and weights	
design	build-in module
net weight	0.6 kg
product feature / conformal coating	Yes
fastening method	
● screw connection	Yes
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °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	IP40
standards, specifications, approvals	
standard	
● for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-7
● for emitted interference	EN 61000-6-4 (Class A)
● for interference immunity	EN 61000-6-2
certificate of suitability	EN 61000-6-2, EN 61000-6-10
● relating to NEMA	TS 2
● CE marking	Yes
● IEC 61850-3	Yes
● IEEE 1613	Yes
standards, specifications, approvals / hazardous environments	
standard / for hazardous zone / from CSA and UL	Hazardous Locations: Class 1 Division 2
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	259.55 kg
● during manufacturing	13.3 kg

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● 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: 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
Manufacturer Declaration	inspection certificate	EPD

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