SIEMENS

Data sheet 6GK6000-8PS12-1EA0

product type designation	**RUGGEDCOM 2488-48 power supply**
	Power Supply Module for RUGGEDCOM RSG2488, Low Voltage Power Supply DC 48VDC, (38 - 72 VDC)
product brand name	RUGGEDCOM
Technical Product Detail Page	https://i.siemens.com/1P6GK6000-8PS12-1EA0
suitability for operation	RSG2488
electrical data / input	
supply voltage / 1 / rated value	48 V
● supply voltage / 1 / rated value	36 ... 59 V
● type of voltage / 1 / of the supply voltage	DC
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	No
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
● during operation	246.21 kg
● after end of life	0.04 kg

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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	
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	Test Certificates		Environment
Manufacturer Declaration	CB	TUEV	EPD

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