SIEMENS

## Data sheet 6GK6000-8PS12-1EA0

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| **product type designation** | **RUGGEDCOM 2488-48 power supply** |
| | Power Supply Module for RUGGEDCOM RSG2488, Low Voltage Power Supply DC 48VDC, (38 - 72 VDC) |
| 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 |
| **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 |
| **further information / internet links** | |
| internet link | |
| ● to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |


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| ● 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 | Test Certificates | Environment |
|---|---|---|
| Manufacturer Declaration | CB | EPD |

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