

RUGGEDCOM RX1500PN PS 48 Power Supply 48VDC (36-72VDC), screw terminal block



Figure similar

Technical Product Detail Page	<a href="https://i.siemens.com/1P6GK6015-0AL12-0AA0">https://i.siemens.com/1P6GK6015-0AL12-0AA0</a>
suitability for operation	RX15xx
<b>electrical data / input</b>	
supply voltage / 1 / rated value	48 V
• supply voltage / 1 / rated value	36 ... 72 V
<b>interfaces</b>	
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
<b>signal inputs/outputs</b>	
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	
• at AC / maximum	250 V
• at DC / maximum	30 V
operational current / of the signaling contacts	
• at AC / at 250 V / maximum	6.25 A
• at DC / at 30 V / maximum	5 A
<b>design, dimensions and weights</b>	
design	removable module
net weight	0.55 kg
fastening method	
• screw connection	Yes
<b>ambient conditions</b>	
ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °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	IP30
<b>standards, specifications, approvals</b>	

standard	<ul style="list-style-type: none"> <li>• for EMC</li> <li>• for safety / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	<p>FCC Part 15 (Class A), EN55022 (CISPR22 Class A)</p> <p>UL 60950-1, CSA C22.2 No. 60950-7</p> <p>EN 61000-6-4 (Class A)</p> <p>EN 61000-6-2</p>
certificate of suitability	<ul style="list-style-type: none"> <li>• relating to NEMA</li> <li>• CE marking</li> <li>• IEC 61850-3</li> <li>• IEEE 1613</li> </ul>	<p>EN 61000-6-2, EN 61000-6-10</p> <p>TS 2</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>

**standards, specifications, approvals / hazardous environments**

standard / for hazardous zone / from CSA and UL	Hazardous Locations: Class 1 Division 2
---	---


**further information / internet links**

internet link	<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to website: Industrial communication</li> <li>• to website: Siemens RUGGEDCOM</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAX-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a></p> <p><a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a></p> <p><a href="https://www.siemens.com/ruggedcom">https://www.siemens.com/ruggedcom</a></p> <p><a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a></p> <p><a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a></p> <p><a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a></p> <p><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>
---------------	---	--

**security information**

security information	<p>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 <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. 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 <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p>
----------------------	---

**Approvals / Certificates**

General Product Approval	Functional Safety	other
		<p><a href="#">Manufacturer Declaration</a></p>   <p><a href="#">inspection certificate</a></p>

last modified: 11/11/2025 