



Figure similar

RUGGEDCOM RSG910C is a 10 port industrially hardened, fully managed Ethernet switch featuring integrated IEEE 1588 support for use in harsh industrial environments. The product has 4x 1Gbit/s SFP slots and 6x 10/100/1000Mbit/s RJ 45 Ethernet ports. -40°C to +85°C operating temperature (fanless). Reserved
Reserved DIN Rail Mount HI Reserved none

product type designation	
product brand name	RUGGEDCOM
product type designation	RSG910C
transfer rate	
transfer rate	10, 100, 1000 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	10
number of 10/100/1000 Mbit/s RJ45 ports	6
number of electrical connections	
• for SFP	4
interfaces / other	
number of electrical connections	
• for operator console	1
• for signaling contact	1
• for power supply	2
type of electrical connection	
• for operator console	USB
• for management purposes	USB
• for signaling contact	3-pole terminal block, screwable
• for power supply	5-pole terminal block, screwable
operational current / of the signaling contacts	
• at AC / maximum	0.12 A
• at DC / maximum	0.12 A
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	DC
• power loss [W] / 1 / rated value	15.5 W
• supply voltage / 1 / rated value	10 ... 60 V
type of voltage / 2 / of the supply voltage	DC
• supply voltage / 2 / rated value	88 ... 300 V
ambient conditions	
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
operating condition / fanless operation	Yes

protection class IP	IP40
design, dimensions and weights	
design	compact
width	90 mm
height	177 mm
depth	163 mm
net weight	2.4 kg
material / of the enclosure	Cast Aluminum Enclosure
fastening method	
• 19-inch installation	No
• 35 mm DIN-rail mounting	Yes
• wall mounting	Yes
product features, product functions, product components / general	
number of automatically learnable MAC addresses	16384
product feature	
• Cut Through switching method	Yes
• Store & Forward switching method	Yes
product functions / management, configuration, engineering	
product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
• RMON	Yes
• port mirroring	Yes
• CoS	Yes
• switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• SFTP	Yes
• GMRP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	No
• SNMP v3	Yes
• IGMP (snooping/querier)	Yes
product functions / VLAN	
product function	
• VLAN - port based	Yes
number of VLANs / maximum	255
product functions / DHCP	
product function	
• DHCP client	Yes
• DHCP Option 82	Yes
• DHCP Option 66	No
• DHCP Option 67	No
product functions / redundancy	
product function	
• redundancy procedure STP	Yes
• redundancy procedure RSTP	Yes
• redundancy procedure MSTP	Yes
• eRSTP	Yes
protocol / is supported	
• STP	Yes
• RSTP	Yes
• MSTP	Yes
product functions / security	
product function	

• IEEE 802.1x (radius)	Yes									
protocol / is supported										
• RADIUS	Yes									
• SSH	Yes									
• SSL	Yes									
product functions / time										
product function										
• NTP-client	Yes									
• SNTP client	Yes									
• IEEE 1588 v2 transparent forwarding	Yes									
protocol / is supported										
• SNTP	Yes									
standards, specifications, approvals										
certificate of suitability										
• CE marking	Yes									
standard										
• for EMC	FCC Part 15 (Class A), EN55022 (CISPR22 Class A)									
• for safety / from CSA and UL	cCSAus (Compliant with CSA C22.2 No. 60950, UL60950, EN60950)									
standards, specifications, approvals / other										
certificate of suitability										
• IEC 61850-3	Yes									
• IEEE 1613	Yes									
product functions / general										
laser protection class	Complies with 21 CFR chapter 1, subchapter J									
further information / internet links										
internet link										
• to website: Selection guide for cables and connectors	http://www.siemens.com/snst									
• to website: Industrial communication	http://www.siemens.com/simatic-net									
• to website: Image database	http://automation.siemens.com/bilddb									
• to website: CAX-Download-Manager	http://www.siemens.com/cax									
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security information										
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Approvals / Certificates										
<table><tr><td>General Product Approval</td><td>For use in hazardous locations</td><td>Test Certificates</td></tr><tr><td>Manufacturer Declaration </td><td> EG-Konf.</td><td> CSA</td></tr><tr><td></td><td></td><td>Type Test Certificates/Test Report  CB</td></tr></table>		General Product Approval	For use in hazardous locations	Test Certificates	Manufacturer Declaration 	 EG-Konf.	 CSA			Type Test Certificates/Test Report  CB
General Product Approval	For use in hazardous locations	Test Certificates								
Manufacturer Declaration 	 EG-Konf.	 CSA								
		Type Test Certificates/Test Report  CB								
Maritime application	other	Dangerous goods	Environment							
 ABS	inspection certificate	Dangerous goods information	 EPD							

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