

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 10 - 60 VDC 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 • for signaling contact • for power supply	1 1 2
type of electrical connection • for operator console • for management purposes • for signaling contact • for power supply	USB USB 3-pole terminal block, screwable 5-pole terminal block, screwable
operational current / of the signaling contacts • at AC / maximum • at DC / maximum	0.12 A 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 • power loss [W] / 1 / rated value • supply voltage / 1 / rated value	DC 15.5 W 10 ... 60 V
type of voltage / 2 / of the supply voltage • supply voltage / 2 / rated value	DC 88 ... 300 V
ambient conditions	
ambient temperature • during operation • during storage • during transport • note	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C 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

<ul style="list-style-type: none"> • 35 mm DIN-rail mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes
product features, product functions, product components / general	
number of automatically learnable MAC addresses	16384
product feature	
<ul style="list-style-type: none"> • Cut Through switching method 	Yes
<ul style="list-style-type: none"> • Store & Forward switching method 	Yes
product functions / management, configuration, engineering	
product function	
<ul style="list-style-type: none"> • CLI 	Yes
<ul style="list-style-type: none"> • web-based management 	Yes
<ul style="list-style-type: none"> • MIB support 	Yes
<ul style="list-style-type: none"> • RMON 	Yes
<ul style="list-style-type: none"> • port mirroring 	Yes
<ul style="list-style-type: none"> • CoS 	Yes
<ul style="list-style-type: none"> • switch-managed 	Yes
protocol / is supported	
<ul style="list-style-type: none"> • Telnet 	Yes
<ul style="list-style-type: none"> • HTTP 	Yes
<ul style="list-style-type: none"> • HTTPS 	Yes
<ul style="list-style-type: none"> • TFTP 	Yes
<ul style="list-style-type: none"> • SFTP 	Yes
<ul style="list-style-type: none"> • GMRP 	Yes
<ul style="list-style-type: none"> • LLDP 	Yes
<ul style="list-style-type: none"> • SNMP v1 	Yes
<ul style="list-style-type: none"> • SNMP v2 	No
<ul style="list-style-type: none"> • SNMP v3 	Yes
<ul style="list-style-type: none"> • IGMP (snooping/querier) 	Yes
product functions / VLAN	
product function	
<ul style="list-style-type: none"> • VLAN - port based 	Yes
number of VLANs / maximum	255
product functions / DHCP	
product function	
<ul style="list-style-type: none"> • DHCP client 	Yes
<ul style="list-style-type: none"> • DHCP Option 82 	Yes
<ul style="list-style-type: none"> • DHCP Option 66 	No
<ul style="list-style-type: none"> • DHCP Option 67 	No
product functions / redundancy	
product function	
<ul style="list-style-type: none"> • redundancy procedure STP 	Yes
<ul style="list-style-type: none"> • redundancy procedure RSTP 	Yes
<ul style="list-style-type: none"> • redundancy procedure MSTP 	Yes
<ul style="list-style-type: none"> • eRSTP 	Yes
protocol / is supported	
<ul style="list-style-type: none"> • STP 	Yes
<ul style="list-style-type: none"> • RSTP 	Yes
<ul style="list-style-type: none"> • MSTP 	Yes
product functions / security	
product function	
<ul style="list-style-type: none"> • IEEE 802.1x (radius) 	Yes
protocol / is supported	
<ul style="list-style-type: none"> • RADIUS 	Yes
<ul style="list-style-type: none"> • SSH 	Yes
<ul style="list-style-type: none"> • SSL 	Yes
product functions / time	
product function	
<ul style="list-style-type: none"> • NTP-client 	Yes
<ul style="list-style-type: none"> • SNTP client 	Yes
<ul style="list-style-type: none"> • IEEE 1588 v2 transparent forwarding 	Yes

protocol / is supported • SNMP	Yes				
standards, specifications, approvals					
certificate of suitability • CE marking	Yes				
standard • for EMC • for safety / from CSA and UL	FCC Part 15 (Class A), EN55022 (CISPR22 Class A) cCSAus (Compliant with CSA C22.2 No. 60950, UL60950, EN60950)				
standards, specifications, approvals / other					
certificate of suitability • IEC 61850-3 • IEEE 1613	Yes 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 • to website: Industrial communication • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	http://www.siemens.com/snst http://www.siemens.com/simatic-net http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com				
security information					
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Approvals / Certificates					
General Product Approval					
 CCC	 EG-Konf.		Confirmation	 UL	
EMV	For use in hazardous locations	Test Certificates	Maritime application		
 RCM	 ATEX	Special Test Certificate	Type Test Certificates/Test Report	 ABS	 DNV
Maritime application	other		Environment		
 LRS	 PRS	 RINA	Confirmation	Environmental Confirmations	

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