



Product information Managed Fast Ethernet Power Rail Switches - Smart - RSPS20-06002T1TTSCCZ9HSE2S06.0.

Industrial Ethernet:Power Rail Switches:RSPS - Smart Switches:with HiOS 6.0:Managed Fast Ethernet Power Rail Switches - Smart	
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Name	Managed Fast Ethernet Power Rail Switches - Smart
	
	Managed, Industrial Switch DIN Rail, fanless design. Fast Ethernet type
Delivery informations	
Availability	available
Product description	
Description	Managed, Industrial Switch DIN Rail, fanless design. Fast Ethernet type
Port type and quantity	6 Ports in total, 6 x (10/100Mbit/s) Twisted Pair / RJ45
Type	RSPS20-06002T1TTSCCZ9HSE2S06.0.
Order No.	RSPS20-06002T1TTSCCZ9HSE2S06.0.
More Interfaces	
Power supply/signaling contact	2 x plug-in terminal block, 2-pin, 1 x plug-in terminal block, 2-pin
V.24 interface	1 x RJ11 socket
SD-card slot	1 x SD card slot to connect the auto configuration adapter ACA31
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	see SFP Fiber Module M-Fast SFP-xx
Multimode fiber (MM) 62.5/125 µm	see SFP Fiber Module M-Fast SFP-xx
Single mode fiber (SM) 9/125 µm	see SFP Fiber Module M-Fast SFP-xx
Single mode fiber (LH) 9/125 µm (long haul transceiver)	see SFP Fiber Module M-Fast SFP-xx
Network size - cascading	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	MRP, RSTP
Power requirements	
Operating voltage	2 x 24/36/48 VDC (18-60 VDC)
Power consumption	9.5 W
Power output in Btu (IT) h	33
Software	
Management	TFTP; SFTP; SCP; LLDP (802.1AB); LLDP-MED; SSHv2; V.24; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet
Configuration	Automatic Configuration Undo (roll-back); Configuration Fingerprint; Text-based Configuration File (XML); BOOTP/DHCP Client with Auto-Configuration; DHCP Server: per Port; DHCP Server: Pools per VLAN; AutoConfiguration Adapter ACA31 (SD card); HiDiscovery; Command Line Interface (CLI); CLI Scripting; Full-featured MIB Support; Web-based Management; Context-sensitive Help
Security	MAC-based Port Security; Port-based Access Control with 802.1X; Guest/unauthenticated VLAN; Integrated Authentication Server (IAS); RADIUS VLAN Assignment; Automatic Denial-of-Service Prevention; Access to Management restricted by VLAN; Device Security Indication; Audit Trail; CLI Logging; HTTPS Certificate Management; Restricted Management Access; Appropriate Use Banner; Configurable Password Policy; Configurable Number of Login Attempts; SNMP Logging; Multiple Privilege Levels; Local User Management; Remote Authentication via RADIUS; User Account Locking
Redundancy functions	Link Aggregation with LACP; Link Backup; Media Redundancy Protocol (MRP) (IEC62439-2); RSTP 802.1D-2004 (IEC62439-1); RSTP Guards
Time synchronisation	PTPv2 Transparent Clock two-step; PTPv2 Boundary Clock; Buffered Real Time Clock; SNTP Client; SNTP Server
Miscellaneous	Manual Cable Crossing, Port Power Down
Switching	Independent VLAN Learning; Fast Aging; Static Unicast/Multicast Address Entries; QoS / Port Prioritization (802.1D/p); TOS/DSCP Prioritization; Interface Trust Mode; CoS Queue Management; Flow Control (802.3X); Egress Interface Shaping; Ingress Storm Protection; VLAN (802.1Q); VLAN Unaware Mode; Voice VLAN; IGMP Snooping/Querier per VLAN (v1/v2/v3); Unknown Multicast Filtering; Multiple VLAN Registration Protocol (MVRP); Multiple MAC Registration Protocol (MMRP); Multiple Registration Protocol (MRP)
Ambient conditions	
Operating temperature	0 °C ... 60 °C



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Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	10 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	90 mm x 164 mm x 120 mm
Mounting	DIN Rail
Weight	1180 g
Protection class	IP30
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line, IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continous; 300 V, 50 Hz 1 s
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Basis Standard	CE, FCC, EN61131
Scope of delivery and accessories	
Scope of delivery	Device, terminal block, operating manual

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