



## 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	
<a href="https://www.e-catalog.beldensolutions.com:443/link/57078-24455-202442-279207-460721-460722/en/RSPS20-06002T1TTSCCZ9HSE2S06.0/uistate">https://www.e-catalog.beldensolutions.com:443/link/57078-24455-202442-279207-460721-460722/en/RSPS20-06002T1TTSCCZ9HSE2S06.0/uistate</a>	
Name	Managed Fast Ethernet Power Rail Switches - Smart
	
	Managed, Industrial Switch DIN Rail, fanless design. Fast Ethernet type
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
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.
<b>More Interfaces</b>	
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
<b>Network size - length of cable</b>	
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
<b>Network size - cascading</b>	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	MRP, RSTP
<b>Power requirements</b>	
Operating voltage	2 x 24/36/48 VDC (18-60 VDC)
Power consumption	9.5 W
Power output in Btu (IT) h	33
<b>Software</b>	
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)
<b>Ambient conditions</b>	
Operating temperature	0 °C ... 60 °C



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

For more information please contact:

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