

## Product information

### Managed Fast Ethernet RSP Switches - RSP25-11003Z6TTSCCZ9HDE2S06.0.

Industrial Ethernet: Power Rail Switches: RSP Switches: with HiOS 6.0: Managed Fast Ethernet RSP Switches  
<https://e-catalog.beldensolutions.com/443/link/57078-24455-202442-279205-460704-460705/en/RSP25-11003Z6TTSCCZ9HDE2S06.0/uistate>

RSP25 Name	Managed Fast Ethernet RSP Switches
	
	Managed, Industrial Switch DIN Rail, fanless design. Enhanced Redundancy (PRP, Fast MRP, HSR).
<b>RSP25 Delivery informations</b>	
RSP25 Availability	available
<b>RSP25 Product description</b>	
RSP25 Description	Managed, Industrial Switch DIN Rail, fanless design. Enhanced Redundancy (PRP, Fast MRP, HSR).
RSP25 Port type and quantity	11 Ports in total, thereof Fast Ethernet(100 Mbit): 8 x 10/100BASE TX / RJ45; thereof Uplink Ports: 3 x SFP slot FE (100 Mbit)
RSP25 Type	RSP25-11003Z6TTSCCZ9HDE2S06.0.
RSP25 Order No.	RSP25-11003Z6TTSCCZ9HDE2S06.0.
<b>RSP25 More Interfaces</b>	
RSP25 Power supply/signaling contact	2 x plug-in terminal bloc, 2- pin, 1 x plug-in terminal block, 2- pin
RSP25 V.24 interface	1 x RJ11 socket
RSP25 SD-card slot	1 x SD card slot to connect the auto configuration adapter ACA31
<b>RSP25 Network size - length of cable</b>	
RSP25 Twisted pair (TP)	0 m ... 100 m
RSP25 Multimode fiber (MM) 50/125 µm	see SFP LWL-Modul M-Fast SFP-xx
RSP25 Multimode fiber (MM) 62.5/125 µm	see SFP LWL-Modul M-Fast SFP-xx
RSP25 Single mode fiber (SM) 9/125 µm	see SFP LWL-Modul M-Fast SFP-xx
RSP25 Single mode fiber (LH) 9/125 µm (long haul transceiver)	see SFP LWL-Modul M-Fast SFP-xx
<b>RSP25 Network size - cascadiability</b>	
RSP25 Line - / star topology	any
<b>RSP25 Power requirements</b>	
RSP25 Operating voltage	2 x 24/36/48 VDC (18-60 VDC)
<b>RSP25 Software</b>	
RSP25 Management	Dual Software Image Support; TFTP; SFTP; SCP; LLDP (802.1AB); LLDP-MED; SSHv2; V.24; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet
RSP25 Diagnostics	Management Address Conflict Detection; MAC Notification; Signal Contact; Device Status Indication; TCPDump; LEDs; Syslog; Persistent Logging on ACA; Port Monitoring with Auto-Disable; Link Flap Detection; Overload Detection; Duplex Mismatch Detection; Link Speed and Duplex Monitoring; RMON (1,2,3,9); Port Mirroring 1:1; Port Mirroring 8:1; Port Mirroring N:1; System Information; Self-Tests on Cold Start; Copper Cable Test; SFP Management; Configuration Check Dialog; Switch Dump; Snapshot Configuration Feature
RSP25 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; DHCP Relay with Option 82; Command Line Interface (CLI); CLI Scripting; Full-featured MIB Support; Web-based Management; Context-sensitive Help
RSP25 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; VLAN-based ACL; Ingress VLAN-based ACL; Basic ACL; 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
RSP25 Redundancy functions	Device Level Ring (DLR); Link Aggregation with LACP; Link Backup; Media Redundancy Protocol (MRP) (IEC62439-2); Fast MRP (IEC62439-2); High Availability Seamless Redundancy Protocol (HSR) (IEC62439-3); Parallel Redundancy Protocol (PRP) (IEC62439-3); RSTP 802.1D-2004 (IEC62439-1); RSTP Guards
RSP25 Industrial Profiles	EtherNet/IP protocol, IEC61850 protocol (MMS Server, Switch Model), ModbusTCP, PROFINET IO Protocol
RSP25 Time synchronisation	PTPv2 Transparent Clock two-step; PTPv2 Boundary Clock; Buffered Real Time Clock; SNTP Client; SNTP ServerPTPv2 Transparent Clock two-step; PTPv2 Boundary Clock; Buffered Real Time Clock; SNTP Client; SNTP Server
RSP25 Miscellaneous	Port Power Down; Manual Cable Crossing

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<b>RSP25 Switching</b>	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; Queue-Shaping / Max. Queue Bandwidth; Flow Control (802.3X); Egress Interface Shaping; Ingress Storm Protection; Jumbo Frames; 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>RSP25 Ambient conditions</b>	
RSP25 Operating temperature	0 °C ... 60 °C
RSP25 Storage/transport temperature	-40 °C ... 70 °C
RSP25 Relative humidity (non-condensing)	10 % ... 95 %
<b>RSP25 Mechanical construction</b>	
RSP25 Dimensions (W x H x D)	90 mm x 164 mm x 120 mm
RSP25 Mounting	DIN Rail
RSP25 Weight	1200 g
RSP25 Protection class	IP30
<b>RSP25 Mechanical stability</b>	
RSP25 IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
RSP25 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
<b>RSP25 EMC interference immunity</b>	
RSP25 EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
RSP25 EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
RSP25 EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
RSP25 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)
RSP25 EN 61000-4-6 conducted immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
RSP25 EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continuous; 300 V, 50 Hz 1 s
<b>RSP25 EMC emitted immunity</b>	
RSP25 FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
RSP25 EN 55022	EN 55022 Class A
<b>RSP25 Approvals</b>	
RSP25 Basis Standard	CE, FCC, EN611131
<b>RSP25 Scope of delivery and accessories</b>	
RSP25 Scope of delivery	Device, terminal block, operating manual

For more information please contact:

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