




## Product information Managed Fast Ethernet RSP Switches - RSP25-11003Z6ZTSCCZ9HDE3S06.0.

Industrial Ethernet:Power Rail Switches:RSP Switches:with HiOS 6.0:Managed Fast Ethernet RSP Switches

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<b>Name</b>	Managed Fast Ethernet RSP Switches
	
	Managed, Industrial Switch DIN Rail, fanless design. Enhanced Redundancy (PRP, Fast MRP, HSR).
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	Managed, Industrial Switch DIN Rail, fanless design. Enhanced Redundancy (PRP, Fast MRP, HSR).
<b>Port type and quantity</b>	11 Ports in total, thereof Fast Ethernet(100 Mbit): 4 x SFP slot, 4x Twisted Pair / RJ45; thereof Uplink Ports: 3 x SFP slot FE (100 Mbit)
<b>Type</b>	RSP25-11003Z6ZTSCCZ9HDE3S06.0.
<b>Order No.</b>	RSP25-11003Z6ZTSCCZ9HDE3S06.0.
<b>More Interfaces</b>	
<b>Power supply/signaling contact</b>	2 x plug-in terminal bloc, 2- pin, 1 x plug-in terminal block, 2- pin
<b>V.24 interface</b>	1 x RJ11 socket
<b>SD-card slot</b>	1 x SD card slot to connect the auto configuration adapter ACA31
<b>Network size - length of cable</b>	
<b>Twisted pair (TP)</b>	0 m ... 100 m
<b>Multimode fiber (MM) 50/125 µm</b>	see SFP LWL-Modul M-Fast SFP-xx
<b>Multimode fiber (MM) 62.5/125 µm</b>	see SFP LWL-Modul M-Fast SFP-xx
<b>Single mode fiber (SM) 9/125 µm</b>	see SFP LWL-Modul M-Fast SFP-xx
<b>Single mode fiber (LH) 9/125 µm (long haul transceiver)</b>	see SFP LWL-Modul M-Fast SFP-xx
<b>Network size - cascability</b>	
<b>Line - / star topology</b>	any
<b>Power requirements</b>	
<b>Operating voltage</b>	2 x 24/36/48 VDC (18-60 VDC)
<b>Software</b>	
<b>Diagnostics</b>	Management Address Conflict Detection MAC Notification Signal Contact Device Status Indication TCPDump LEDs Syslog Persistent Logging on ACA Email Notification 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 RSPAN SFLOW VLAN Mirroring System Information Self-Tests on Cold Start Copper Cable Test SFP Management Configuration Check Dialog Switch Dump Snapshot Configuration Feature
<b>Redundancy functions</b>	Device Level Ring (DLR); HIPER-Ring (Ring Switch); HIPER-Ring over Link Aggregation; Link Aggregation with LACP; Link Backup; Media Redundancy Protocol (MRP) (IEC62439-2); Fast MRP (IEC62439-2); MRP over Link Aggregation; High Availability Seamless Redundancy Protocol (HSR) (IEC62439-3); Parallel Redundancy Protocol (PRP) (IEC62439-3); Sub Ring Manager; RSTP 802.1D-2004 (IEC62439-1); RSTP Guards; Redundant Network Coupling; VRRP; VRRP Tracking; HiVRRP (VRRP enhancements)
<b>Industrial Profiles</b>	EtherNet/IP protocol, IEC61850 protocol (MMS Server, Switch Model), ModbusTCP, PROFINET IO Protocol
<b>Time synchronisation</b>	PTPv2 Transparent Clock two-step; PTPv2 Boundary Clock; Buffered Real Time Clock; SNTP Client; SNTP Server PTPv2 Transparent Clock two-step; PTPv2 Boundary Clock; Buffered Real Time Clock; SNTP Client; SNTP Server
<b>Miscellaneous</b>	Port Power Down; Manual Cable Crossing
<b>Routing</b>	IP/UDP Helper; Full Wire-Speed Routing; Port-based Router Interfaces; VLAN-based Router Interfaces; Loopback Interface; ICMP Filter; Net-directed Broadcasts; OSPFv2; RIP v1/v2; ICMP Router Discovery (IRDP); Static Unicast Routing; Proxy ARP; Static Route Tracking; 1:1 NAT (FE only)
<b>Ambient conditions</b>	
<b>Operating temperature</b>	0 °C ... 60 °C
<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



## Industrial Ethernet: Power Rail Switches: RSP Switches: with HiOS 6.0: Managed Fast Ethernet RSP Switches

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<b>Mounting</b>	DIN Rail
<b>Weight</b>	1200 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, IEE1613: 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 continuous; 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, EN611131
<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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