



Produktinformation Managed Fast Ethernet RSP Switches - RSP25-11003Z6TTSKKV9HHE2A06.0.

Industrial Ethernet:Power Rail Switches:RSP Switches:mit HiOS 6.0/7.0:Managed Fast Ethernet RSP Switches

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Name	Managed Fast Ethernet RSP Switches
	Managed, Industrial Switch DIN Rail, lüfterloses Design. Enhanced Redundancy (PRP, Fast MRP, HSR).
Lieferinformationen	
Lieferstatus	bestellbar
Produktbeschreibung	
Beschreibung	Managed, Industrial Switch DIN Rail, lüfterloses Design. Enhanced Redundancy (PRP, Fast MRP, HSR).
Port-Typ und Anzahl	11 Ports insgesamt, davon Fast Ethernet(100 Mbit): 8 x 10/100BASE TX / RJ45; davon Uplink Ports: 3 x SFP slot FE (100 Mbit)
Typ	RSP25-11003Z6TTSKKV9HHE2A06.0.
Bestell-Nr.	RSP25-11003Z6TTSKKV9HHE2A06.0.
Weitere Schnittstellen	
Versorgung/Meldekontakt	2 x steckbarer Klemmblock 3-polig, 1 x steckbarer Klemmblock 2-polig
V.24 Zugang	1 x RJ11 Buchse
SD-Karten	1 x SD Card Slot zum Anschluss des Autokonfigurationsadapters ACA31
Netzausdehnung-Leitungslängen	
Twisted Pair (TP)	0 m ... 100 m
Multimode-Faser (MM) 50/125 µm	siehe SFP LWL-Modul M-Fast SFP-xx
Multimode-Faser (MM) 62,5/125 µm	siehe SFP LWL-Modul M-Fast SFP-xx
Singlemode-Faser (SM) 9/125 µm	siehe SFP LWL-Modul M-Fast SFP-xx
Singlemode-Faser (LH) 9/125µm (Long Haul-Transceiver)	siehe SFP LWL-Modul M-Fast SFP-xx
Netzausdehnung-Kaskadertiefe	
Linien-/Sternstruktur	beliebig
Versorgung	
Betriebsspannung	2 x 60 - 250 VDC (48V - 320 VDC) und 110 - 230 VAC (88 - 265 VAC)
Software	
Management	DNS Client; Dual Software Image Support; TFTP; SFTP; SCP; LLDP (802.1AB); LLDP-MED; SSHv2; V.24; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet
Diagnose	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
Konfiguration	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
Sicherheit	MAC-based Port Security; Port-based Access Control with 802.1X; Guest/unauthenticated VLAN; Integrated Authentication Server (IAS); RADIUS VLAN Assignment; RADIUS Policy Assignment; Multi-Client Authentication per Port; MAC Authentication Bypass; DHCP Snooping; Dynamic ARP Inspection; Automatic Denial-of-Service Prevention; LDAP; Ingress MAC-based ACL; Ingress IPv4-based ACL; Time-based ACL; VLAN-based ACL; Ingress VLAN-based ACL; ACL Flow-based Limiting; 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
Redundanzfunktionen	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
Industrial Profiles	EtherNet/IP protocol, IEC61850 protocol (MMS Server, Switch Model), ModbusTCP, PROFINET IO Protocol
Zeitsynchronisation	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
Sonstiges	Port Power Down; Manual Cable Crossing
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; IP Ingress DiffServ Classification and Policing; Queue-Shaping / Max. Queue Bandwidth; Flow Control (802.3X); Egress Interface Shaping; Ingress Storm Protection; Jumbo Frames; VLAN (802.1Q); Protocol-based VLAN; VLAN Unaware Mode; Voice VLAN; MAC-based VLAN; IP



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	subnet-based 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)
Zulässige Umgebungsbedingungen	
Betriebstemperatur	0 °C ... 60 °C
Lager-/Transporttemperatur	-40 °C ... 70 °C
Rel. Luftfeuchte (nicht kondensierend)	10 % ... 95 %
Konstruktiver Aufbau	
Abmessungen (B x H x T)	90 mm x 164 mm x 120 mm
Montage	Hutschiene
Gewicht	1200 g
Schutzart	IP30
Mechanische Stabilität	
IEC 60068-2-27 Schock	15 g, 11 ms Dauer, 18 Schocks
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 Zyklen, 1 Oktave/min.; 1 g, 9 Hz-150 Hz, 10 Zyklen, 1 Oktave/min
EMV-Störfestigkeit	
EN 61000-4-2 Elektrostatische Entladung (ESD)	8 kV Kontaktentladung, 15 kV Luftentladung
EN 61000-4-3 Elektromagnetisches Feld	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 Schnelle Transienten (Burst)	4 kV power line, 4 kV data line
EN 61000-4-5 Stoßspannungen (Surge)	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 Leitungsgeführte Störspannungen	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 Niederfrequente Störungen	30 V, 50 Hz gleichbleibend; 300 V, 50 Hz 1 s
EMV-Störaussendung	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Zulassungen	
Basis Standard	CE, FCC, EN611131
Substation	IEC 61850-3, IEEE 1613
Lieferumfang bzw. Zubehör	
Lieferumfang	Gerät, Klemmenblock, Bedienungsanleitung

Für weitere Informationen kontaktieren Sie bitte:

Hirschmann Automation and Control GmbH

Stuttgarter Straße 45-51

72654 Neckartenzlingen

Germany

Tel +49 7127/14-1809

E-Mail: inet-sales@belden.com

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