



Product information

Compact OpenRail Fast Ethernet PoE switch 8-24 ports, without fiber ports - RS22-0800T1T1SPAEHF05.0.

943 434-068

Name	
Compact OpenRail Fast Ethernet PoE switch, 8-24 ports, without fiber ports	
	
8 port fast Ethernet switch (from that 4 PoE ports), managed, software Layer 2 Enhanced, for DIN rail, store-and-forward-switching, fanless design, metal housing	
Delivery informations	
Availability	available
Product description	
Description	8 port fast Ethernet switch (from that 4 PoE ports), managed, software Layer 2 Enhanced, for DIN rail, store-and-forward-switching, fanless design, metal housing
Port type and quantity	8 ports in total; 1. uplink: 10/100BASE-TX, RJ45; 2. uplink: 10/100BASE-TX, RJ45; 6 x standard 10/100 BASE TX, RJ45 davon 4 PoE Ports
Type	RS22-0800T1T1SPAEHF05.0.
Order No.	943 434-068
New version available	Click here for the latest version
More Interfaces	
Power supply/signaling contact	1 x plug-in terminal block, 6-pin
V.24 interface	1 x RJ11 socket
USB interface	1 x USB to connect the AutoConfiguration Adapter ACA21-USB
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Network size - cascading	
Line - / star topology	any
Ring structure (HIPER-Ring) quantity switches	50 (reconfiguration time < 0.3 sec.)
Power requirements	
Operating voltage	48 V DC
Current consumption at 48 V DC	110 mA
Power output in Btu (IT) h	18.1
Software	
Diagnostics	LEDs, log-file, syslog, signal contact, RMON (statistic, history, alarms, events), port mirroring, topology discovery 802.1AB
Configuration	Comand Line Interface (CLI), TELNET, BootP, DHCP, DHCP Option 82, HIDiscovery, auto-configuration adapter (ACA11, ACA21-USB), watchdog configuration
Security	Port security (IP and MAC), SNMP V3 (no encryption)
Redundancy functions	HIPER-ring (ring structure), MRP (IEC-ring functionality), RSTP 802.1D-2004, redundant network/ring coupling, MRP and RSTP in parallel, redundant 24 V power supply
Filter	QoS 4 classes, port prioritisation (IEEE 802.1D/p), VLAN (IEEE 802.1Q), shared VLAN learning, multicast (IGMP Snooping/Querier), multicast detection unknown multicast, broadcastlimiter, fast aging
Industrial Profiles	EtherNet/IP and PROFINET (2.2 PDEV, GSDML stand-alone generator, automatic device exchange) profiles included, configuration and diagnostic via automation software tools like e.g. STEP7, or Control Logix
Time synchronisation	SNTP server, PTP / IEEE 1588
Flow control	Flow control 802.3x, port priority 802.1D/p, priority (TOS/DIFFSERV)
Presettings	Standard
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	10 % ... 95 %
MTBF	31.8 years (MIL-HDBK-217F)

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



Protective paint on PCB	No
Mechanical construction	
Dimensions (W x H x D)	90 mm x 137 mm x 115 mm
Mounting	DIN Rail
Weight	820 g
Protection class	IP20
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)	6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80-1000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508
Hazardous locations	ISA 12.12.01 Class 1 Div. 2
Shipbuilding	n/a
Railway norm	n/a
Substation	n/a
Scope of delivery and accessories	
Scope of delivery	Device, terminal block, operating manual

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.