



RS20-1600T1T1SDAUHH

Industrial Networking:Industrial Ethernet:OpenRail System:Compact:Unmanaged Switches

Delivery informations

Availability	available
Document created at	15.02.2010

Product description

Description	16 port Fast Ethernet-switch, unmanaged, for DIN rail store-and-forward-switching, fanless design
Port type and quantity	16 ports in total; 1. Uplink: 10/100BASE-TX, RJ45; 2. Uplink: 10/100BASE-TX, RJ45, 14 x standard 10/100 BASE TX, RJ45
Type	RS20-1600T1T1SDAUHH
Order No.	943 434-047

More Interfaces

Power supply/signaling contact	1 x plug-in terminal block, 6-pin
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Network size - length of cable

Twisted pair (TP)	0 - 100 m
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Network size - cascading

Line - / star topology	any
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Power requirements

Operating voltage	12/24/48 V DC (9,6-60) V and 24 V AC (18-30) V (redundant)
Current consumption at 24 V DC	392 mA
Current consumption at 48 V DC	196 mA
Power output in Btu (IT) h	32.1

Ambient conditions

Operating temperature	0° to +60°C
Storage/transport temperature	-40° to +70°C
Relative humidity (non-condensing)	10% to 95%
MTBF	45.4 years (MIL-HDBK-217F)

Mechanical construction

Dimensions (W x H x D)	110 x 131 x 111
Mounting	DIN Rail
Weight	600 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.; 0.7g, 13,2 Hz - 100 Hz, 90 min.; 3.5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	6 kV contact discharge, 8kV 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: 2kV (line/earth), 1kV (line/line), 1kV 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 CFR47 Part 15
EN 55022	EN 55022 Class A

Approvals

Safety of industrial control equipment	cUL 508
Hazardous locations	cUL 1604 Class1 Div 2

Germanischer Lloyd	-
Substation	-
Railway norm	-
Scope of delivery and accessories	
Scope of delivery	Device, terminal block, operating manual
Accessories to order separately	Rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame