



## RS20-1600T1T1SDAUHH

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

<b>Delivery informations</b>	
Availability	available
Document created at	08.10.2008
<b>Product description</b>	
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
<b>More Interfaces</b>	
Power supply/signaling contact	1 x plug-in terminal block, 6-pin
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 - 100 m
<b>Network size - cascading</b>	
Line - / star topology	any
<b>Power requirements</b>	
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
<b>Ambient conditions</b>	
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)
<b>Mechanical construction</b>	
Dimensions (W x H x D)	110 x 131 x 111
Mounting	DIN Rail
Weight	600 g
Protection class	IP20
<b>Mechanical stability</b>	
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.
<b>EMC interference immunity</b>	
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)
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC CFR47 Part 15
EN 55022	EN 55022 Class A
<b>Approvals</b>	
Safety of industrial control equipment	cUL 508
Hazardous locations	cUL 1604 Class1 Div 2

Germanischer Lloyd	-
Substation	-
Railway norm	-
<b>Scope of delivery and accessories</b>	
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