Product information
Compact OpenRail unmanaged Fast Ethernet switch - RS20-1600T1T1SDAUHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:Configurable Unmanaged Switches:Fast Ethernet switches:Compact OpenRail unmanaged Fast Ethernet switch


Name
Compact OpenRail unmanaged Fast Ethernet switch

Delivery informations
Availability
available

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, RU45; 2. uplink: 10/100BASE-TX, RU45; 14 x standard 10/100 BASE TX, RU45

Type
RS20-1600T1T1SDAUHH

Order No.
943 434-047

More interfaces
Power supply/signaling contact
1 x plug-in terminal block, 6-pin

Network size - length of cable
Twisted pair (TP)
0 m ... 100 m

Network size - cascadibility
Line - / star topology
Any

Power requirements
Operating voltage
12/24/48 V DC (5,6-60) V and 24 V AC (18-30) V (redundant)

Current consumption at 24 V DC
392

Current consumption at 48 V DC
196

Power output in Btu (IT) h
32.1

Ambient conditions
Operating temperature
0 ºC ... 60 ºC

Storage/transport temperature
-40 ºC ... 70 ºC

Relative humidity (non-condensing)
10 % ... 95 %

MTBF
45.5 years (MIL-HDBK-217F)

Protective paint on PCB
No

Mechanical construction
Dimensions (W x H x D)
110 mm x 131 mm x 111 mm

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

Hirschmann Automation and Control GmbH www.beldensolutions.com
### Industrial Ethernet: Unmanaged Industrial Ethernet Switches: Configurable Unmanaged Switches: Fast Ethernet switches: Compact OpenRail unmanaged Fast Ethernet switch


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<th>cUL 1604 Class I Div 2</th>
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<td>Germanischer Lloyd</td>
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<td>Railway norm</td>
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**Scope of delivery and accessories**
- Device, terminal block, operating manual

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