



Product information Compact OpenRail unmanaged Fast Ethernet switch - RS20-1600L2M2SDAUHH

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

<http://e-catalog.hirschmann.com/link/57078-24455-49855-50104-80728-329755/en/RS20-1600L2M2SDAUHH/uistate>

Name Compact OpenRail unmanaged Fast Ethernet switch



16 port Fast-Ethernet-Switch, unmanaged, for DIN rail store-and-forward-switching, fanless design

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: 100BASE-FX, LHSM-SC; 2. uplink: 100BASE-FX, MM-SC; 14 x standard 10/100 BASE TX, RJ45

Type RS20-1600L2M2SDAUHH

Order No. 943 434-055

More Interfaces

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

Network size - length of cable

Multimode fiber (MM) 50/125 µm 0 - 5000 m, 8 dB link budget at 1300 nm, A = 1 d/km, 3 dB reserve, B = 800 MHz x km

Multimode fiber (MM) 62.5/125 µm 0 - 4000 m, 11 dB link budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km

Single mode fiber (LH) 9/125 µm (long haul transceiver) 24 - 86,6 km, 7 - 29 dB link budget at 1550 nm, A = 0,3 dB/km, 3 dB reserve, D = 19 ps/(nm x km)

Network size - cascading

Line - / star topology Any

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 492

Current consumption at 48 V DC 246

Power output in Btu (IT) h 40.3

Ambient conditions

Operating temperature 0 °C ... 60 °C

Storage/transport temperature -40 °C ... 70 °C

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

MTBF 34.9 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)



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

<http://e-catalog.hirschmann.com/link/57078-24455-49855-50104-80728-329755/en/RS20-1600L2M2SDAUHH/uistate>

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 -

Railway norm -

Substation -

Scope of delivery and accessories

Scope of delivery Device, terminal block, operating manual

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.