Product information
RH1-TP

Industrial Ethernet:Archive - Industrial Ethernet:Unmanaged Industrial Ethernet Switches:Rail Hubs:RH1-TP

http://e-catalog.hirschmann.com/link/57078-24455-49814-49855-24476-34244/en/conf/uistate

Name	RH1-TP
	Industrial ETHERNET Rail Hub, Ethernet (10 Mbit/s)
Delivery informations	
Availability	no longer available
Product description	
Description	Industrial ETHERNET Rail Hub, Ethernet (10 Mbit/s)
Port type and quantity	4 x 10BASE-T, TP cable, RJ45 sockets
Type	RH1-TP
Order No.	943 639-002
More Interfaces	
Power supply/signaling contact	1 plug-in terminal block, 5-pin
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Network size - cascadibility	
Propagation equivalent	TP port <-> TP port: 190 m
Path variability value	TP port <-> TP port: 4 BT
Power requirements	
Operating voltage	24 V DC (-25% to +30%)
Current consumption at 24 V DC	max. 130 mA
Service	
Diagnostics	LEDs (power, data, link status), signal contact/Fault relais (24 V DC / 1 A)
Redundancy	
Redundancy functions	redundant 24 V power supply
Ambient conditions	
Operating temperature	0 °C to +60 °C
Storage/transport temperature	-25 °C to +70 °C
Relative humidity (non-condensing)	10% to 95%
MTBF	159.7 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	40 mm x 125 mm x 80 mm
Mounting	DIN Rail 35 mm
Weight	530 g
Protection class	IP 30
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, 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 CFR47 Part 15 Class A
EN 55022	EN 55022 Class A

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Approvals	
Safety of industrial control equipment	cUL 508
Hazardous locations	ISA 12.12.01 Class 1 Div. 2 (pending)
Safety of information technology equipment	cUL 60950-1 (pending)
FM 3611 Class 1 Div 2	FM 3611 Class 1 Div 2 (3012523)
FM 3810	FM 3810 (3012523)
Shipbuilding	Germanischer Lloyd
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

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The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.