

Product information

RH1-CX+ (NAVY)

Industrial Ethernet:Archive - Industrial Ethernet:Entry Level Hubs And Switches:Rail Hubs:RH1-CX+ (NAVY)

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49814-49855-24476-34246/en/conf/ui/state>

Name	RH1-CX+ (NAVY)
	
	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	1 x 10BASE2, CX cable, BNC socket, 1 x 10BASE-FL, MM cable, ST (BFOC) sockets, 2 x 10BASE-T, TP cable, RJ45 sockets
Type	RH1-CX+ (NAVY)
Order No.	943 701-002
More Interfaces	
Power supply/signaling contact	1 plug-in terminal block, 5-pin
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Multimode fiber (MM) 50/125 µm	0 - 2300 m, 10 dB link budget at 850 nm, A = 3 dB/km, 3 dB reserve, B = 400 MHz x km
Multimode fiber (MM) 62.5/125 µm	0 - 3100 m, 13 dB link budget at 850 nm, A = 3.2 dB/km, 3 dB reserve, B = 200 MHz x km
Coaxial (CX)	0 - 185 m
Network size - cascability	
Propagation equivalent	port <-> port: 240 m
Path variability value	port <-> port: 3BT
Power requirements	
Operating voltage	24 V DC (-25% to +30%)
Current consumption at 24 V DC	max. 300 mA
Service	
Diagnostics	LEDs (power, data, link status, error), signal contact/fault relays (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	78.1 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	47 mm x 135 mm x 129 mm
Mounting	DIN Rail 35 mm
Weight	340 g
Protection class	IP 20
Mechanical stability	
IEC 60068-2-27 shock	15g, 11ms 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)

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EMC emitted immunity
FCC CFR47 Part 15 FCC CFR47 Part 15 Class A

EN 55022 EN 55022 Class A

Approvals
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

For more information please contact:

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