



Product information RS2-5TX

Industrial Ethernet:Entry Level Hubs And Switches:Unmanaged Standard Rail Switches:RS2-5TX

Name	RS2-5TX
	
	Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Delivery informations	
Availability	available
Product description	
Description	Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
Port type and quantity	5 x 10/100Base-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	RS2-5TX
Order No.	943 732-003
More interfaces	
Power supply/signaling contact	1 plug-in terminal block, 5-pin / no signal contact
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Network size - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	24 V DC (-25% to +30%)
Current consumption at 24 V DC	max. 130 mA
Power consumption	max. 2,6 W at 24 V DC
Service	
Diagnostics	LEDs (power, link status, data, error)
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	116.3 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	40 mm x 145 mm x 80 mm
Mounting	DIN Rail 35 mm
Weight	520 g
Protection class	IP 20
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	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)	4 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: 1 kV (line/earth), 0.5 kV (line/line), 1 kV data line
EN 61000-4-6 conducted immunity	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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<http://www.e-catalog.beldensolutions.com/link/57078-24455-49855-50103-34216/en/conf/ui/state>
Approvals

Safety of industrial control equipment	cUL 508 (E175531)
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Safety of information technology equipment	cUL 60950 (E168643)
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Scope of delivery and accessories

Scope of delivery	device, terminal block, operating manual
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Accessories to order separately	rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame
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