




## Product information RS2-5TX

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:RS2-Switches:RS2-5TX

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-351756-34216/en/conf/uisstate>

Name	RS2-5TX
	
	Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s)
<b>Delivery informations</b>	
Availability	available until: 30.09.2016
<b>Product description</b>	
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
<b>More interfaces</b>	
Power supply/signaling contact	1 plug-in terminal block, 5-pin / no signal contact
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 - 100 m
<b>Network size - cascading</b>	
Line - / star topology	any
<b>Power requirements</b>	
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
<b>Service</b>	
Diagnostics	LEDs (power, link status, data, error)
<b>Redundancy</b>	
Redundancy functions	redundant 24 V power supply
<b>Ambient conditions</b>	
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
<b>Mechanical construction</b>	
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
<b>Mechanical stability</b>	
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.
<b>EMC interference immunity</b>	
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)
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A



# HIRSCHMANN

A BELDEN BRAND

## Industrial Ethernet:Unmanaged Industrial Ethernet Switches:RS2-Switches:RS2-5TX

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-351756-34216/en/conf/ui/state>

### Approvals

<b>Safety of industrial control equipment</b>	cUL 508
<b>Hazardous locations</b>	ISA 12.12.01 Class 1 Div. 2
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	device, terminal block, operating manual
<b>Accessories to order separately</b>	rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame

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](mailto: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.