


## Product information

### RS2-4TX EEC

Industrial Ethernet:Entry Level Hubs And Switches:Unmanaged Standard Rail Switches:RS2-4TX EEC

<http://e-catalog.hirschmann.com/link/57078-24455-49855-50103-34791/en/conf/uisstate>

Name	RS2-4TX EEC
	
	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
<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	4 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity
Type	RS2-4TX EEC
Order No.	943 819-001
<b>More interfaces</b>	
Power supply/signaling contact	1 plug-in terminal block, 5-pin
<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 power supply (-25% to +30%)
Current consumption at 24 V DC	max. 180 mA
Power consumption	max 4,8 W at 24 V DC
<b>Service</b>	
Diagnostics	LEDs (power, link status, data, error), signal contact / fault relays (24 V DC / 1 A)
<b>Redundancy</b>	
Redundancy functions	redundant 24 V power supply
<b>Ambient conditions</b>	
Operating temperature	-40 °C to +70 °C
Storage/transport temperature	-40 °C to +85 °C
Relative humidity (non-condensing)	10% to 95%
MTBF	68.5 years; MIL-HDBK 217F: Gb 25 °C
<b>Mechanical construction</b>	
Dimensions (W x H x D)	47 mm x 135 mm x 111 mm
Mounting	DIN Rail 35 mm
Weight	300 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	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.
<b>EMC interference immunity</b>	
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)
<b>EMC emitted immunity</b>	
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	ATEX 100a, Zone 2
Employment in vehicles	E1
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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