

RS103A Series

2/3 - port Industrial Media Converters



- ▶ Up to 2 10/100/1000BaseT(X) and 1 100/1000BaseF(X)
- ▶ Redundant dual 12/24/48 VDC power inputs
- ▶ Supports jumbo frame transmission up to 10 KB
- ▶ Relay output warning for power failure and port break alarm
- ▶ DIN-rail mounting ability
- ▶ -40 to 85°C operating temperature range
- ▶ PoE/PoE+ option



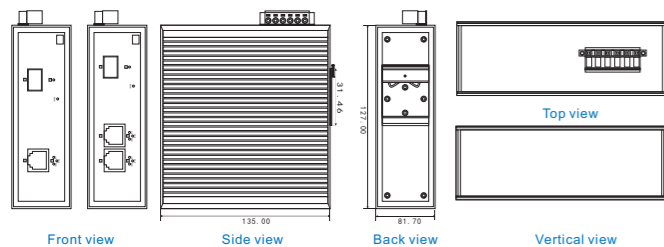
Overview:

The RS103A industrial media converters provide industrial-grade media conversion between 10/100/1000BaseT(X) and 1000BaseFX (SC/ST connectors). The RS103A converters' reliable industrial design is excellent for keeping your industrial automation applications running continuously, and each RS103A converter comes with a relay output warning alarm to help prevent damage and loss.

The RS103A series industrial media converters is designed for harsh industrial environments and comply with FCC, UL, and CE standards. The RS103A series supports an wide operating temperature from -40 to 85°C. All RS103A series converters are subjected to a 100% burn-in test

Dimensions:

Size: (mm)



Order information:

Model No	Description	
		10/100/1000BaseT(X)
WT-RS-10102G	2	1
WT-RS-10101G	1	1
	10/100BaseT(X)	100BaseF(X) or SFP
WT-RS-10102	2	1
WT-RS-10101	1	1

Specifications:

Interface	Fiber Ports:100BaseF(X) or /1000BaseF(X) or SFP slot Rj45 Ports: 10/100BaseT(X) or 10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection LED Indicators:PWR1,PWD2,L/A,SPD, PoE(option) Alarm Contact:1 relay output with current carrying capacity of 1 A @24 VDC
Switch Properties	MAC Table size:8K Packet Buffer Size:1 Mbit Jumbo Frame Size:10 KB
Power Requirement	Input Voltage:12/24/48/>48 VDC, redundant dual inputs Input Current:24 VDC / 0.6 A Overload Current Protection:Present Connection:2 removable 2-contact terminal blocks Reverse Polarity Protection:Present
Physical Characteristics	Housing:Aluminum, IP40 protection Dimensions:135 x 125 x 45mm (5.3 x 4.9 x 1.8 in) Weight:650g Installation:DIN-rail mounting, Wall mounting
Environmental Limits	Operating Temperature:-40 ~ 85 °C (- 40 ~ 185 °F) Storage Temperature:-40 ~ 85 °C (- 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
Standards	EMI : FCC Part 15 Subpart B Class A, EN 61000-6-4(Industrial) EMS: EN 61000-6-2 (Industrial), EN 61000-4-2 (ESD) Level 4, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4, EN 61000-4-6 (CS) Level 3, EN 61000-4-8, IEEE 1613 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 MTBF (mean time between failures) : 305,000 hrs IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT (X) and 100BaseFX IEEE 802.3ab for 1000BaseT (X) IEEE 802.3z for 1000BaseX IEEE 802.3x for Flow Control Processing Type: Store and Forward Flow Control: IEEE 802.3x flow control, back pressure flow control
Warranty	5 years