

# RS106A Series

4/5/6 - port Industrial Ethernet switches



- ▶ Up to 4 10/100BaseT(X) and 2 100BaseF(X) or SFP slots
- ▶ Redundant dual 12/24/48 VDC power inputs
- ▶ Supports jumbo frame transmission up to 9.6 KB
- ▶ Relay output warning for power failure and port break alarm
- ▶ Broadcast storm protection
- ▶ Transparent transmission of VLAN tagged packets
- ▶ -40 to 85°C operating temperature range
- ▶ PoE/PoE+ option



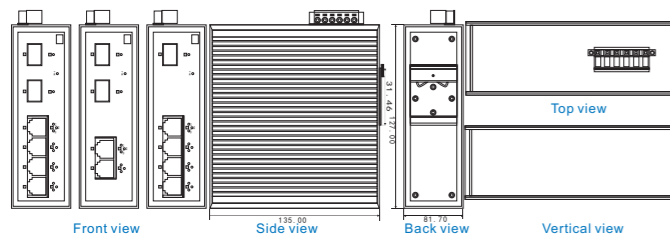
## Overview:

The RS106A series Industrial Ethernet switches are entry-level industrial Ethernet switches, that provide an economical solution for your industrial Ethernet connections. The built-in relay warning function alerts network engineers when power failures or port breaks occur, and the switches are designed for harsh industrial environments.

The switches comply with FCC and CE standards, and has wide operating temperature range (-40 to 85°C), which undergoes a 100% burn-in test to ensure that they fulfill the special needs of industrial automation control applications.

## Dimensions:

Size: (mm)



## Order information:

Model No	Description	
	10/100BaseT(X)	100BaseF(X) or SFP
WT-RS-10204	4	2
WT-RS-10202	2	2
WT-RS-10104	4	1

## Specifications:

<b>Interface</b>	Fiber Ports:100BaseF(X) SFP slot Rj45 Ports: 0/100BaseT(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
<b>Switch Properties</b>	MAC Table size:8K Packet Buffer Size:1 Mbit Jumbo Frame Size:10 KB
<b>Power Requirement</b>	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
<b>Physical Characteristics</b>	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
<b>Environmental Limits</b>	Operating Temperature:-40 ~ 85 °C ( - 40 ~ 185 °F) Storage Temperature:-40 ~ 85 °C ( - 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
<b>Standards</b>	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
<b>Warranty</b>	5 years