



RIS3016 series

16 -port 100M industrial-grade DIN-rail unmanaged Ethernet switch

Product Features

- Supports 16 100M electrical interface configuration;
- 100M electrical port 10/100M adaptive, full/half duplex, MDI/MDIX adaptive mode;
- The power supply supports overload protection and direction protection;
- Plug and play, convenient and fast;
- IP40 protection level, fanless cooling ;
- Adopt industrial-grade power supply design to meet users' flexible application;
- -40°C~75°C operating temperature, meeting industrial application scenarios .
- Default rail, optional wall mounting;

Switch Parameters

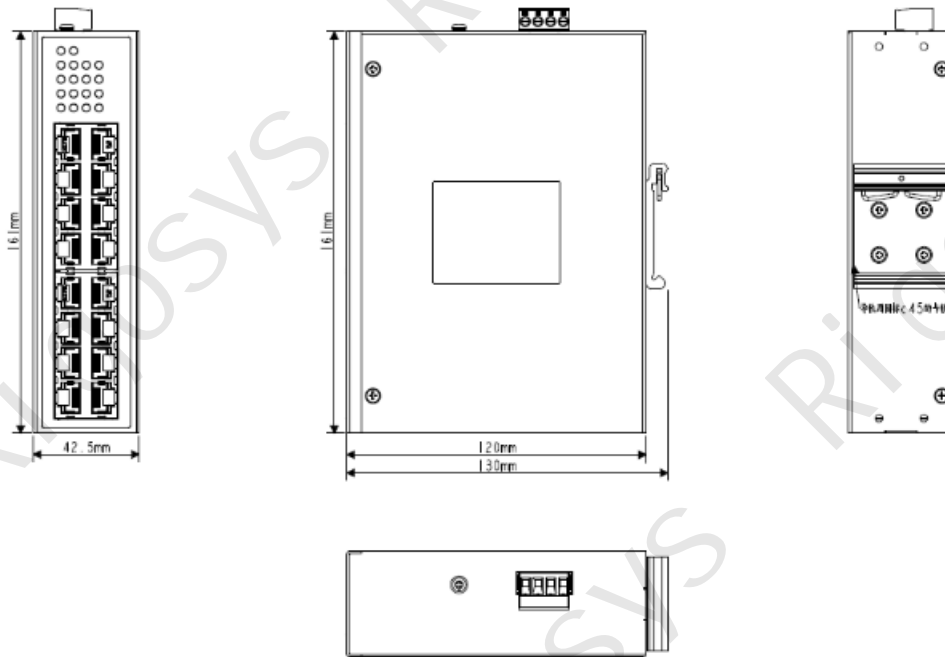
Network Interface

Port description	16 100M electrical ports
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power supply	
power input	Low-voltage DC power supply: dual power supply redundancy, range DC 12 ~48V
Power consumption	< 8W
Protect	Support overload protection, reverse connection protection and redundancy protection (LV)
technology	
Ethernet specifications	IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX and 100Base-FX
MAC address table	8k
priority queue	4
jumbo frame	2048 bytes
Processing method	store and forward
Switch Features	Exchange delay time : < 10 μ s Switch backplane bandwidth : 8.8Gbps
Mechanical properties	
Dimensions (W x H x D) mm	42.5 x 120 x 161
shell	Metal
Heat dissipation method	Fanless design, natural heat dissipation
Protection level	IP40
Installation method	Default rail, optional wall mounting
Weight (g)	\leq 2KG
environment	
storage temperature	-40~85 °C
Operating temperature	-40~75 °C
Working humidity	5%~95% no condensation
Certification	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD) Contact discharge 6 kV, air discharge 8 Kv
	EN61000-4-3 (RS) 10V/m, 80MHz~1GHz
	EN61000-4-4 (EFT) Signal terminal 1 kV, power input terminal 2 kV
	EN61000-4-5 (Surge) Power input: 2kV (line/ground), 1kV (line/line)
	EN61000-4-6 (CS) 10V, 150kHz~80MHz
impact	IEC60068-2-27
fall	IEC60068-2-32
shock	IEC60068-2-6
Security Level	EN 62368-1 (LVD)
Warranty	5 years

Switch Size

RIS3016-16T - LV



Product Model

Model	Description
RIS 3016-16T - LV	Industrial grade unmanaged 100M switch, 16 100M electrical ports, dual DC12~DC48V power supply