



RIS 3005 series

5-port 100M industrial-grade rail-type unmanaged Ethernet switch

Product Features

- Provides 5 100M Ethernet interfaces, supporting 1 100M optical (LC/SC/ST/FC optional) + 4 100M electrical or 5 100M electrical interface configurations;
- 100M electrical port 10/100M adaptive, full/half duplex, MDI/MDIX adaptive mode;
- The power supply supports overload protection, reverse connection protection and redundancy protection (LV);
- Plug and play, convenient and fast;
- IP40 protection level, fanless cooling ;
- Adopting industrial-grade power supply design, a variety of power input solutions are available to meet users' flexible applications;
- -40°C~75°C operating temperature, meeting industrial application scenarios .
- Default rail, optional wall mounting;

Switch Parameters

Network Interface	
Port description	3005 - 5T series: supports 5 100M electrical ports 3005 - 4T1P series: supports 4 100M electrical ports + 1 100M SFP optical port 3005 - 4T1F series: supports 4 100M electrical ports + 1 100M SC/ST/FC optical port
power supply	
power input	Low-voltage DC power supply: dual power supply redundancy, range DC 12 ~48V High-voltage AC and DC power supply: single circuit, 85-265VAC/100-300VDC isolated power supply
Power consumption	<5W
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	2k
priority queue	4
jumbo frame	2048 bytes
packet buffer	1Mbit
Processing method	store and forward
Switch Features	Exchange delay time : <10 μ s Switch backplane bandwidth : 1.2Gbps
Mechanical properties	
Dimensions (W x H x D) mm	RIS 3005-5T: 26 x 95 x 70 RIS 3005-4T1F: 28 x 130 x 92 RIS 3005-4 T1P: 30 x 130 x 92
shell	Metal
Heat dissipation method	Fanless design, natural heat dissipation
Protection level	IP40
Installation method	Default rail, optional wall mounting
Weight (g)	\leq 1KG
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