



RIS 3118 series

18-port Gigabit industrial-grade DIN-rail unmanaged Ethernet switch

Product Features

- Supports 18 ports, 10/100 BASE-T adaptive Ethernet port, supports 200/1000M combo port and 1600M power configuration;
- 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	3118-16T series: 16 100M electrical ports 3118-16 T-2GB series: 16 10/100 BASE-T adaptive Ethernet ports, 2 100/Gigabit como ports
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	<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 IEEE 802.3z (1000Base-SX/LX)
MAC address table	8k
priority queue	4
jumbo frame	9216 bytes
packet buffer	2.5 Mbit
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	RIS 3118-16T-HV: 75 x 153 x 125 RIS3118-16T-2GB-LV: 75 x 153 x 125 RIS3118-16T-2GB-HV: 75 x 153 x 125
shell	Metal
Heat dissipation method	Fanless design, natural heat dissipation
Protection level	IP40
Installation method	Default rail, optional wall mounting
Weight (g)	\leq 3KG
environment	
storage temperature	-40~85 $^{\circ}$ C
Operating temperature	-40~75 $^{\circ}$ C
Working humidity	5%~95% no condensation
Certification	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 Contact discharge 6 kV, air discharge 8 Kv (ESD) 10V/m, 80MHz~1GHz EN61000-4-3 (RS) Signal terminal 1 kV, power input terminal 2 kV EN61000-4-4 (EFT) Power input: 2kV (line/ground), 1kV (line/line)

	EN61000-4-5 (Surge)	10V, 150kHz~80MHz
	EN61000-4-6 (CS)	
impact	IEC60068-2-27	
fall	IEC60068-2-32	
shock	IEC60068-2-6	
Security Level	EN 62368-1 (LVD)	
Warranty	5 years	