



RIS 3205 series

5-port full Gigabit industrial-grade DIN-rail unmanaged Ethernet switch

Product Features

- Provides up to 5 Gigabit Ethernet interfaces, including 1 Gigabit optical LC/SC/ST/FC ;
- Gigabit electrical port 10/100/1000M 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.

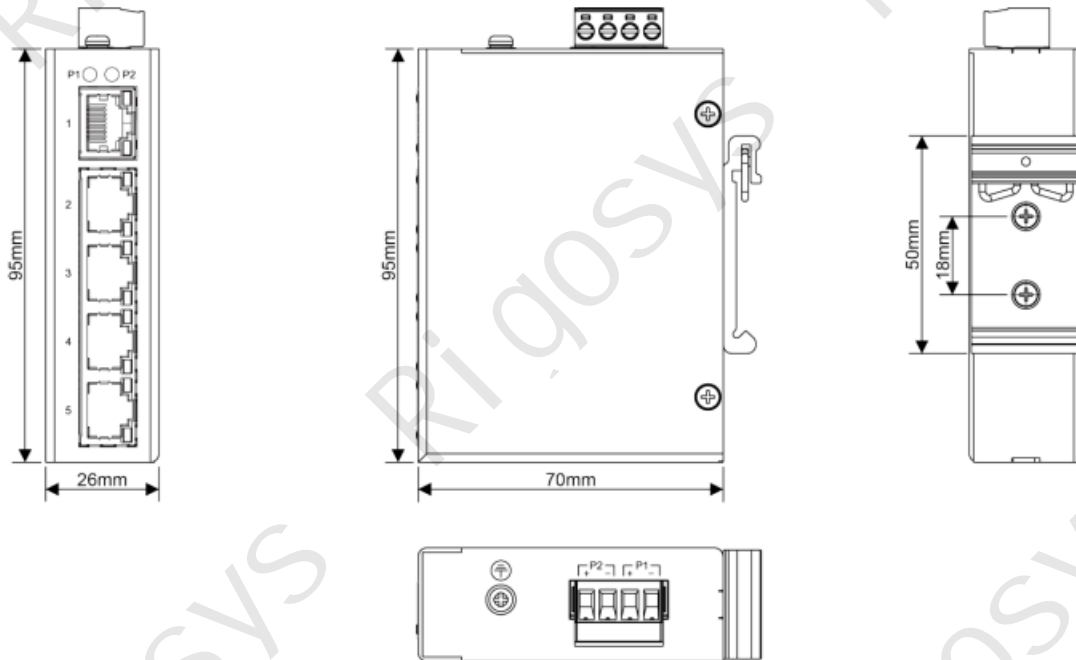
Switch Parameters

Network Interface	
Port description	3 205 - 5GT: 5 Gigabit electrical ports 3 205 - 4GT1GP: 4 Gigabit electrical ports, 1 Gigabit S FP slot 3 205 - 4GT1GF: 4 Gigabit electrical ports, 1 Gigabit 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 IEEE 802.3ab (1000Base-T) IEEE 802.3z (1000Base-SX/LX)
MAC address table	4k
priority queue	8
jumbo frame	9K bytes
Processing method	store and forward
Switch Features	Exchange delay time : < 10 μ s Switch backplane bandwidth : 20Gbps
Mechanical properties	
Dimensions (W x H x D) mm	RIS3 205-5GT - LV : 26 x 95 x 70 RIS3 205-4GT1GP - LV : 28 x 130 x 92 RIS3 205-4GT1GF - LV : 28 x 130 x 92 RIS3 205-4GT1GP - HV : 28 x 130 x 92 RIS3 205-4GT1GF - HV : 28 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

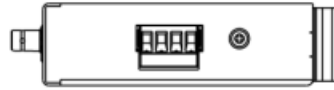
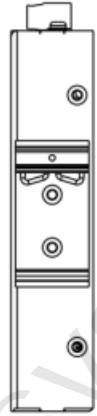
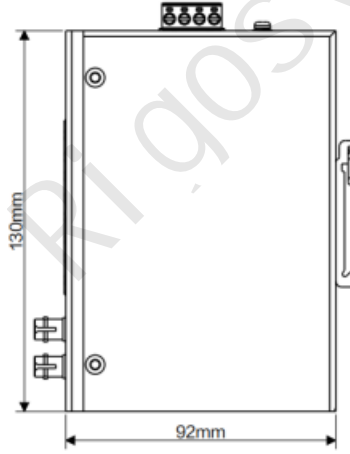
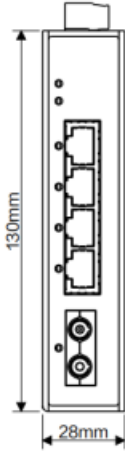
EMS	EN61000-4-2 (ESD)	Contact discharge 6 kV, air discharge 8 Kv
	EN61000-4-3 (RS)	10V/m, 80MHz~1GHz
	EN61000-4-4 (EFT)	Signal terminal 1 kV, power input terminal 2 kV
	EN61000-4-5 (Surge)	Power input: 2kV (line/ground), 1kV (line/line)
	EN61000-4-6 (CS)	10V, 150kHz~80MHz
impact	IEC60068-2-27	
fall	IEC60068-2-32	
shock	IEC60068-2-6	
Security Level	EN 62368-1 (LVD)	
Warranty	5 years	

Switch Size

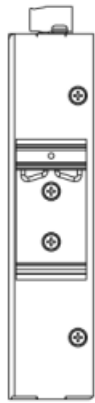
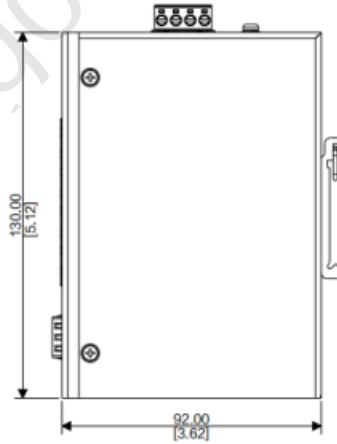
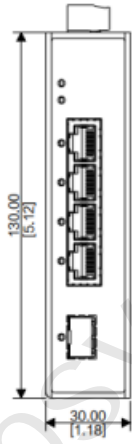
RIS3205-5GT - LV



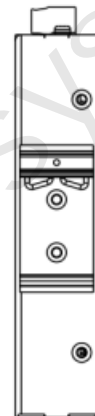
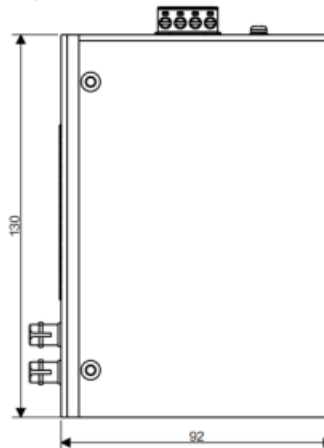
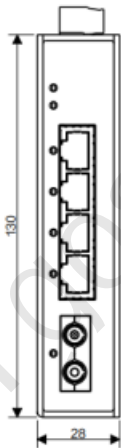
RIS3205-4G T1GF -LV



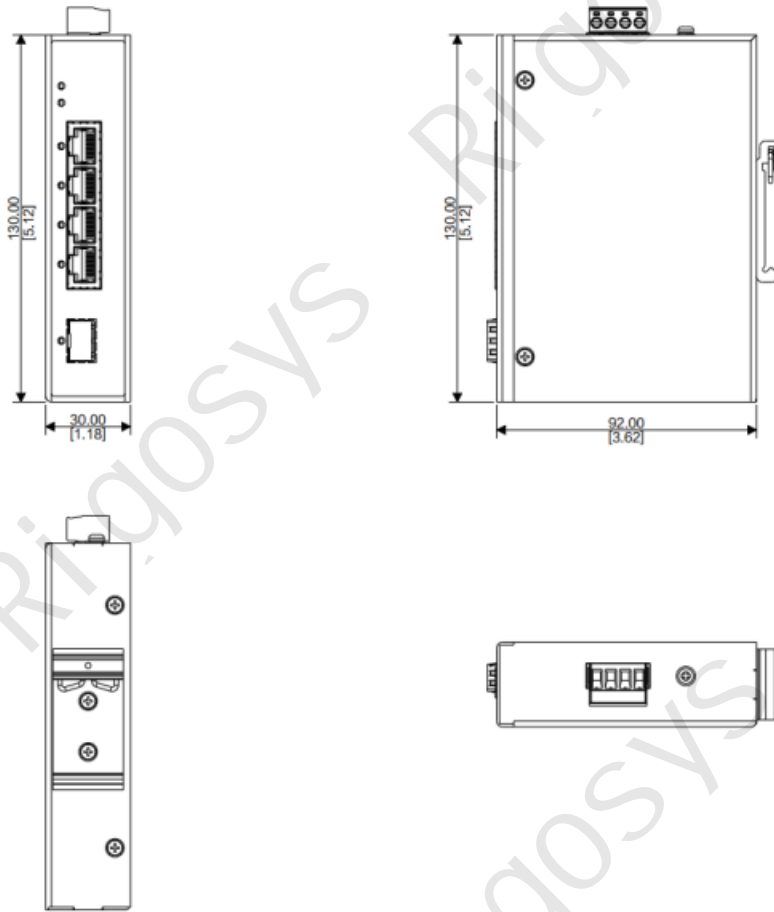
RIS3205-4GT1GP-LV



RIS3205-4GT1G F -HV



RIS3205-4GT1G P -HV



Product Model

Model	Description
RIS 3205-5GT - LV	Industrial grade unmanaged Gigabit switch, 5 Gigabit electrical ports, dual DC12~DC48V power supply
RIS 3205-4 GT 1 G F - LV	Industrial grade unmanaged Gigabit switch, 4 Gigabit electrical ports, 1 Gigabit optical (1x9 module, SC/FC/ST optional), dual DC12~DC48V power supply
RIS 3205-4 GT 1 G P - LV	Industrial grade unmanaged 100M switch, 4 Gigabit electrical ports, 1 Gigabit SFP slot, dual DC12~DC48V power supply
RIS 3205-4 GT 1 G F - HV	Industrial-grade unmanaged 100M switch, 4 Gigabit electrical ports, 1 Gigabit optical (1x9 module, SC/FC/ST optional), single-channel 85-265VAC/100-300VDC isolated power supply
RIS 3205-4 GT 1 G P - HV	Industrial-grade unmanaged 100M switch, 4 Gigabit electrical ports, 1 Gigabit SFP slot, single-channel 85-265VAC/100-300VDC isolated power supply

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