



RIS232-485-422 series

DIN Rail Industrial Grade Fiber Optic Transceiver

Product Features

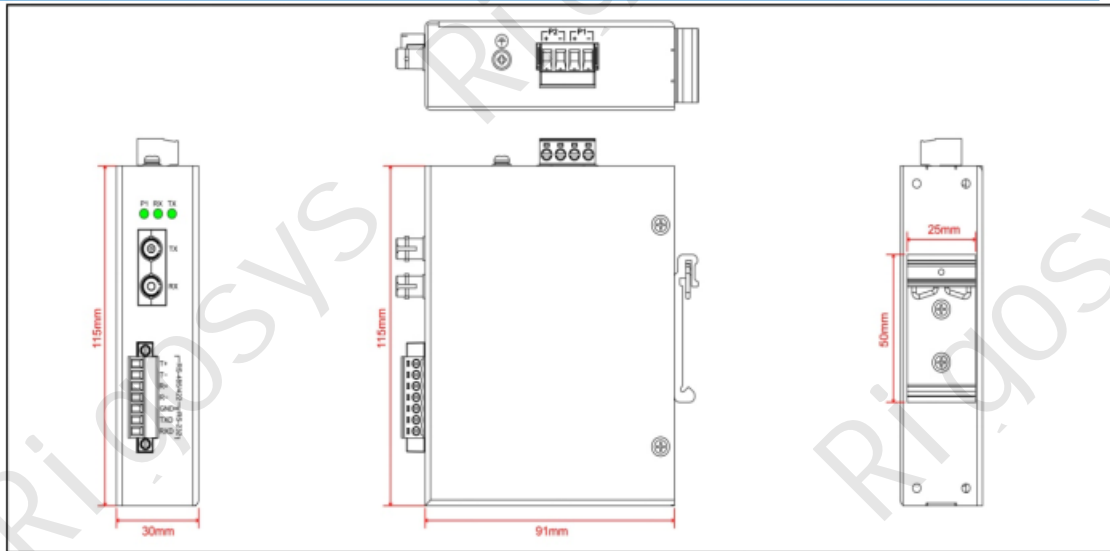
- Provides optional RS-232/RS-485/422 interface, and 1 optional SC/ST/FC optical port ;
- Automatic identification of signal flow direction and transparent transmission
- Baud rate adaptive, no need to change user protocol
- Industrial grade design, all surface mount technology
- IP40 protection level, fanless cooling;
- Adopting industrial-grade power supply design, a variety of power input solutions are available;
- -40°C~75°C operating temperature, meeting industrial application scenarios;

Switch Parameters

Network Interface	
Port description	RS-232/RS-485/422 interface optional, 1 optional SC/ST/FC optical port
power supply	
power input	Low-voltage DC power supply: dual power supply redundancy, range DC 12 ~36V

	High voltage AC/DC power supply: single circuit, 85-264 VAC/100-300VDC isolated power supply, 4-pin terminal
Power consumption	<1W
Protect	Support overload protection, 15KV electrostatic protection
Optical fiber interface	
Optical port type	Single mode/multimode, single fiber/dual fiber optional
Optical port connector	SC/ST/FC optional, standard S C
Light wavelength	Multi-mode 850/1310nm, single-mode 1310/1550nm optional
transmission fiber	Multimode 50/125um, 62.5/125um, single mode 9/125um
Transmission distance	Multimode 1km, single mode 12km
Optical line bit error rate	<10 ⁻⁹
Serial interface	
Interface Type	Industrial terminal
Serial port standard	EIA RS-232C, RS-485, RS-422
Communication rate	300bps~115.2Kbps, rate adaptive
signal delay	100ns
Protect	Provides 15KV ESD protection
Terminating resistor	External connection by yourself
indicator light	
Power Indicator	P1
Running lights	TX, RX
Mechanical properties	
Dimensions (W x H x D)	30(W) x 115(H) x 91(D)mm
shell	metal shell
Heat dissipation method	Fanless design, natural heat dissipation
Protection level	IP40
Installation method	Default rail, optional wall mounting
Weight (g)	≤1KG
environment	
storage temperature	-40~85 °C
Operating temperature	-40~75 °C
Working humidity	5%~95% no condensation
Warranty	5 years

Switch Size



Product Model

Model	Description
RIS232-485-422-L7D	Industrial-grade rail-mounted optical fiber converter, 1 channel RS232/RS485/422, 1 channel single/multi-mode optional optical port, SC/ST/FC optional, 12 ~36VDC dual power supply
RIS232-485-422-H2	Industrial-grade rail-mounted optical fiber converter, 1 channel RS232/RS485/422, 1 channel single/multi-mode optional optical port, SC/ST/FC optional, 85-26 4 VAC/100-300VDC single power supply