

FL COM SERVER RS485

Order No.: 2708740



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FL COM SERVER RS-485, to convert a serial RS-485 interface to Ethernet incl. CD-ROM with drivers, additional software and user documentation (PDF)



Ethernet

Commercial data

EAN	4046356041492
Pack	1 Pcs.
Customs tariff	85176200
Weight/Piece	0.1911 KG
Catalog page information	Page 459 (IF-2007)

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Serial interface

Interface 1	Ethernet interface, 10/100BASE-T(X) in acc. with IEEE 802.3u
Data rate	10/100 MBit/s
Transmission length	100 m (shielded twisted pair)
Type of connection	RJ45 female connector, shielded
Serial transmission rate	10/100 Mbps, autonegotiation
Interface 2	RS-485 interface, in acc. with EIA/TIA-485, DIN 66259-4/RS-485 2-wire
File format/coding	Serial asynchronous UART/NRZ, 7/8 Data, 1/2 Stop, 1 Parity, 10/11 bits character length
Termination resistor	390 Ω - 180 Ω - 390 Ω (can be connected)

Type of connection	SUB-D 9 (male)
Data flow control/protocols	Automatic control // Modbus RTU/ASCII
Serial transmission rate	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 187500 Bit/s, can be set with web-based management

Power supply

Nominal supply voltage	24 V DC $\pm 20\%$ (via pluggable COMBICON screw terminal block) 24 V DC $\pm 5\%$ (as an alternative or redundant, via backplane bus contact and system current supply)
Typical current consumption	Max. 100 mA

General data

Length	99 mm
Height	118.6 mm
Width	22.5 mm
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Ambient temperature (operation)	0 °C ... 55 °C
Electrical isolation	Supply // Ethernet (TP) // RS-485
Test voltage data interface/power supply	1.5 kV _{rms}
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 50081-2
Immunity to interference	EN 61000-6-2
Degree of protection	IP20
Weight	190 g
Housing material	PA V0, color green

Function

Management	Web-based management, SNMP or Factory Manager Software FL SWT
Status and diagnostics displays	LEDs: UL (communication voltage), AC (data activity RS-485), FD (full duplex): 100 (100Base-T (X) operation), COL (collision) link and receive LED for Ethernet port

Certificates / Approvals



Certification CUL, UL

Certification Ex:

CUL-EX LIS, UL-EX LIS

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