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► **Extract from the online catalog**



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)

Order No.	2708740
Ord designation	FL COM SERVER RS485
EAN	4046356041492
Pack	1 Pcs.
Customs tariff	85176200
Weight/Piece	0.1914 KG
Catalog page information	Page 459 (IF-2007)

► **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

FL COM SERVER RS485



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)
Nominal supply voltage	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

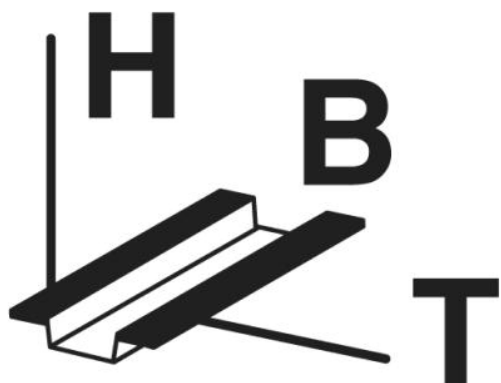
Length	99 mm
Height	118.6 mm
Width	22.5 mm
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Ambient temperature (operation)	0 °C ... 55 °C
Electrical isolation	Supply // Ethernet (TP) // RS-485
Test voltage data interface/power supply	1.5 kV _{rms}
Electromagnetic compatibility	Conformance with 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

► Drawings

Logo



Ethernet

► Accessories

Item	Designation	Description
Cable/conductor		
2761059	PSM-KA 9 SUB 25/BB/2METER	RS-232 cable, 9-pos. SUB-D female connector 25-pos on D-SUB female connector
2799474	PSM-KA9SUB9/BB/2METER	RS-232 cable, 9-pos. SUB-D female connector 9-pos on D-SUB female connector
General		
2707437	ME 22,5 TBUS 1,5/ 5-ST-3,81 GN	Bus connector, gold-plated contacts, for mounting on DIN rail, 5-pos.
2866983	MINI-SYS-PS-100- 240AC/24DC/1.5	Power supply unit, primary switched-mode, narrow design, output: 24 V DC / 1.5 A
Plug/Adapter		
2761499	SUBCON 9/F-SH	SUB-D connector with one cable entry, 9-pos., female version
2761509	SUBCON 9/M-SH	SUB-D connector with one cable entry, 9-pos., male version
Software		
2831044	FL SWT	Factory Manager, multilingual, configuration and diagnostics software for ETHERNET networks in automation

► Address

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