

FL COMSERVER UNI 232/422/485

Order No.: 2313452



FL COMSERVER UNI..., serial devices server to convert a serial 232/422/485 interface to Ethernet, supports TCP, UDP, Modbus Gateway and PPP applications, incl. CD-ROM with Com Port Redirector Software and user documentation (PDF).

Commercial data	
GTIN (EAN)	4046356451321
sales group	H651
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.1892 KG
Catalog page information	Page 533 (IF-2009)

<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 speed	10/100 Mbps, autonegotiation
Interface 2	RS-232 interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1

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	D-SUB-9 male connector
Data flow control/protocols	Software handshake, Xon/Xoff, or hardware handshake RTS/CTS // 3964 R compatible, Modbus RTU/ASCII
Serial transmission speed	300, 600, 1200, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 187500, 230400 Bit/s, can be set with web-based management
Interface 3	RS-422 interface in acc. with ITU-T V.11, EIA/TIA-422, DIN 66348-1
Type of connection	Plug-in/screw connection via COMBICON
Termination resistor	390 Ω - 180 Ω - 390 Ω (can be connected)
File format/coding	Serial asynchronous UART/NRZ, 7/8 Data, 1/2 Stop, 1 Parity, 10/11 bits character length
Data flow control/protocols	Automatic control // Modbus RTU/ASCII
Serial transmission speed	300, 600, 1200, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 187500, 230400 Bit/s, can be set with web-based management
Interface 4	RS-485 interface, in acc. with EIA/TIA-485, DIN 66259-4/RS-485 2-wire
Interface	RS-485
Type of connection	Plug-in/screw connection via COMBICON
Termination resistor	390 Ω - 180 Ω - 390 Ω (can be connected)
File format/coding	Serial asynchronous UART/NRZ, 7/8 Data, 1/2 Stop, 1 Parity, 10/11 bits character length
Data flow control/protocols	Automatic control // Modbus RTU/ASCII
Serial transmission speed	300, 600, 1200, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 187500, 230400 Bit/s, can be set with web-based management
Power supply	
Nominal supply voltage	24 V DC ±20 % (via pluggable COMBICON screw terminal block)
	24 V DC ±5% (as an alternative or redundant, via backplane bus contact and system current supply)
Typical current consumption	max. 100 mA
General data	
Width	22.5 mm
Height	114.5 mm
Depth	99 mm

Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (operation)	-25 °C ... 60 °C
Electrical isolation	Supply // Ethernet (TP) // Serial
Test voltage data interface/power supply	1.5 kV _{rms}
Electromagnetic compatibility	Conformance with EMC directive 2004/108/EC
Emitted interference	EN 61000-6-4
Immunity to interference	EN 61000-6-2:2005
Degree of protection	IP20
Weight	190 g
Housing material	PA 6.6-FR
Color	green

Function

Management	Web-based management, SNMP, emergency exit with Telnet and serial
Status and diagnostics displays	LEDs: UL (logic voltage), TD + RD (data activity serial), FD (full duplex), 100 (100 Mbps mode), Link (Ethernet), Activity (Ethernet), ERR (error)

Certificates / Approvals



Certification

CUL Listed, UL Listed

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 on 9-pos. SUB-D female connector, 9-wire, 1:1
2319200	PSM-KAD-IL RS232/9SUB/B/0,8M	Adapter cable to connect the IB IL RS232 and IB IL RS232-PRO Inline communication terminals to the interface converter, e.g. modem, Com server, Bluetooth or fiber optics.

General

2707437	ME 22,5 TBUS 1,5/ 5-ST-3,81 GN	DIN rail connector for current transducers, gold-plated contacts, for DIN rail mounting, 5-pos.
2866983	MINI-SYS- PS-100-240AC/24DC/1.5	DIN rail power supply unit, primary-switched mode, slim design, output: 24 V DC / 1.5 A

Software

2831044	FL SWT	Factory Manager, multilingual, configuration and diagnostics software for ETHERNET networks in automation
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