Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Interface converters - FL COM SERVER RS232 - 2744490

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First generation FL COM SERVER RS-232, for converting a serial RS-232 interface to Ethernet incl. CD-ROM with drivers, additional software, and user documentation (PDF)

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918974343

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	22.5 mm
Height	99 mm
Depth	118.6 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	5000 m (For restrictions see manufacturer's declaration)
Degree of protection	IP20
Noise immunity	EN 61000-6-2:2005

General

Electrical isolation	VCC // Ethernet // V.24 (RS-232)
Test voltage data interface/data interface	1.5 kV$_{rms}$ (50 Hz, 1 min.)
Test voltage data interface/power supply	1.5 kV$_{rms}$

Interface converters - FL COM SERVER RS232 - 2744490

Technical data

General

	1.5 kV$_{rms}$ (50 Hz, 1 min.)
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 50081-2
Net weight	186.2 g
Housing material	PA V0
Color	green
MTBF	666 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	179 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

Power supply

Supply voltage range	19.2 V AC/DC ... 28.8 V AC/DC (via pluggable COMBICON screw terminal block)
	22.8 V DC ... 25.2 V DC (as an alternative or redundant, via backplane bus contact and system current supply)
Typical current consumption	max. 100 mA

Serial interface

Interface 1	Ethernet interface, 10/100Base-T(X) in acc. with IEEE 802.3u
Interface	Ethernet
Connection method	RJ45 socket, shielded
Transmission length	100 m (shielded twisted pair)
Protocols supported	TCP/IP, UDP, Modbus (TCP, RTU/ASCII), PPP
Auxiliary protocols	ARP, DHCP, BOOTP, SNMP, RIP, RARP, HTTP, TFTP
Serial transmission speed	10/100 Mbps, auto negotiation
Interface 2	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Interface	RS-232
Connection method	D-SUB 9 plug
File format/coding	UART/NRZ: 7/8 Bit Data, 1/2 Bit Stopp, None/Even/Odd Parity
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, 9600, 19200, 38400, 57600, 115200, 187500 Bit/s, can be set with web-based management

Function

Web-based management	yes
Management	Web-based management, SNMP or Factory Manager Software FL SWT
Status and diagnostic indicators	LEDs: UL (communication voltage), AC (data activity RS-232), FD (full duplex): 100 (100Base-T (X) operation), COL (collision) link and receive LED for Ethernet port

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 50081-2

PHŒNIX
CONTACT

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Technical data

Standards and Regulations

Noise immunity	EN 61000-6-2:2005
Connection in acc. with standard	CUL
Noxious gas test	ISA-S71.04-1985 G3 Harsh Group A

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings
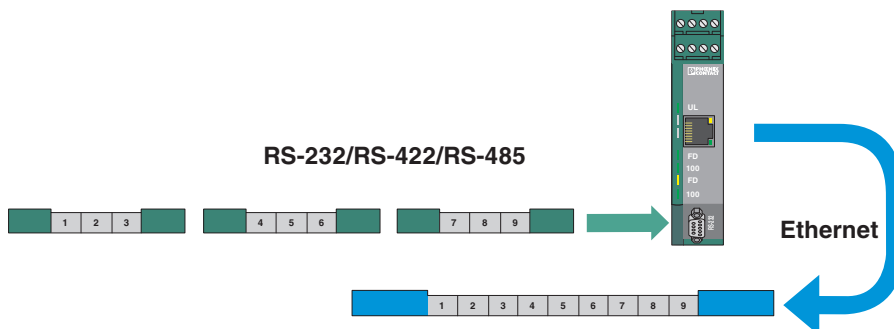
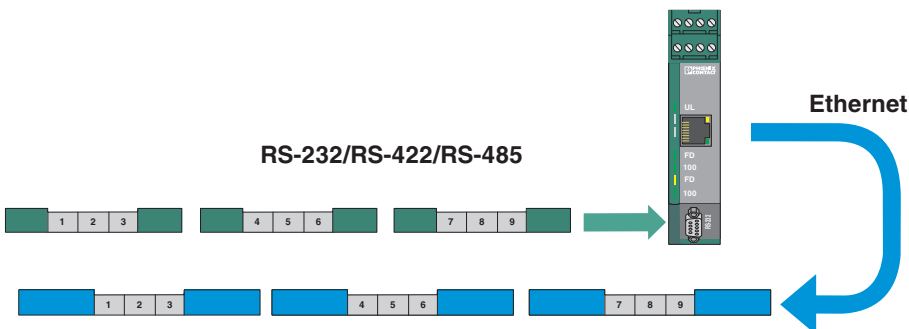Application drawing
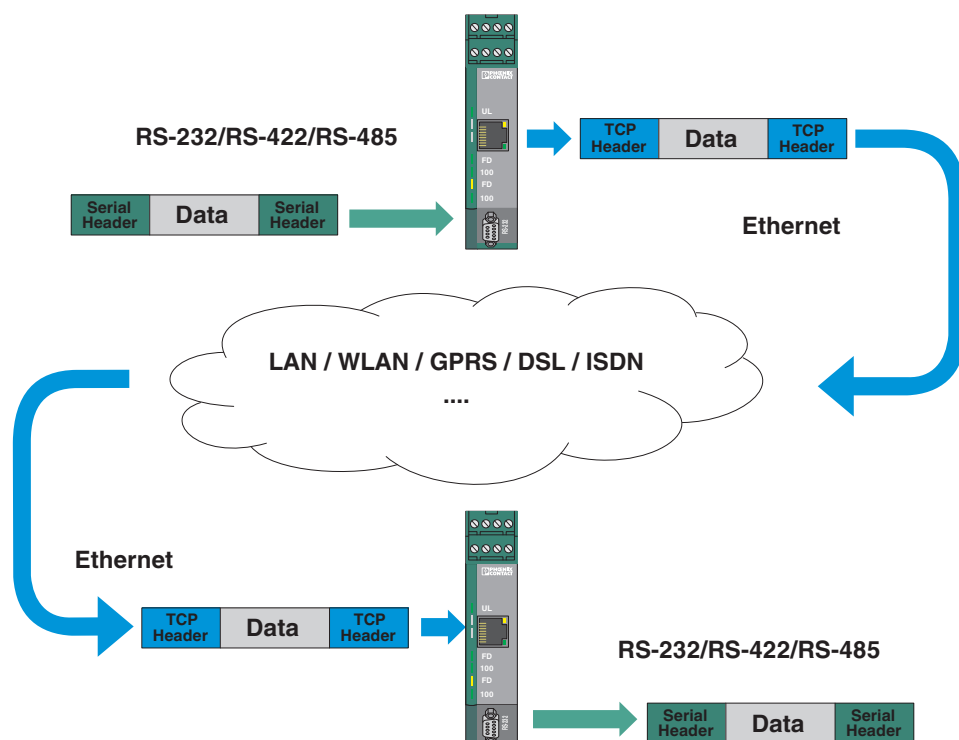
Serial data transmission via Ethernet

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Application drawing

RS-232/RS-422/RS-485

Ethernet

Large value: "Idle Force Timeout Characters"

Application drawing

RS-232/RS-422/RS-485

Ethernet

Small value: "Idle Force Timeout Characters"