

## CZ107 DIN RAIL SERIAL INTERFACE CONVERTER

RS232 - 485 Converter serial interface for DIN rail mounting need for a PC to communicate with any external device with RS485 / 422, up to a maximum of 32 users and a top speed of 115,200 bps. Ideal for the programming of all the modules of Z-PC. Galvanically isolated protects your computer from surges or short circuits that can come from devices connected via RS485. Can be used as converter with automatic transmission direction (timed) or driven by the signal RTS (232). It also allows you to communicate in both HALF FULL DUPLEX (simultaneous transmission and reception of RS485). The connection to the PC is via the RS232 connector (RJ10) on the front of the instrument and a common serial cable. The connection on the RS485 is obtained using the removable terminal. The connections for the RS485 and power supply module are also present in the connector on the bottom of the instrument and allows direct connection to the bus of the series Z-PC.



## CS107P - DB9 SERIAL INTERFACE CONVERTER

Supplied in an very versatile case, it connects directly to the serial port of the PC via the DB9 female connector with a cable length of about 90 cm. The connection on the RS485 is the case with a removable terminal block. The converter requires an auxiliary power source of 9/12 Vdc; the supply includes the power supply 220 Vac.



### TECHNICAL SPECIFICATIONS

	CZ107	CS107P
Power supply:	19...40 Vdc / 19...28 Vac 50-60 Hz; on request 10...40 Vdc	9...12 Vdc 100 mA
Max consumption:	2.5 W	1 W
Isolation:	RS232 // RS485 and supply // RS485: 1500 Vac	RS232 // RS485 and supply // RS485: 1000 Vac
Power protection:	Against impulse overvoltage 400W / ms	
Status indicators:	Supply presence; receiving data; data transmission; state of the RTS signal	
Protection degree:	IP20	IP20
Interfaces:	RS232 on the front RJ45 connector RS485/422, removable terminals screw connections	RS232, cable length 90 cm DB9 connector RS485/422, 5P removable terminal screws connections
Function mode:	2-wire Half Duplex, 4-wire Full Duplex, point to point or multidrop	
Change direction:	Automatic timed, controlled by RTS interface RS232	
Speed:	Set between 9600, 19200, 38400, 57600, 115200 bps	
Remote connection:	up to 1200 m	
Operating temperature:	0...+55 °C	
Storage temperature:	-20...+70°C	
Humidity:	30...90% @+40°C (not condensing)	
Dimensions:	17.5x100x112 mm (WxHxD)	100x50x25 mm (with terminal)
Weight:	about 200 g	
Casing:	Nylon 6 - 30% glass fiber reinforced	ABS, 4 LEDs on the front
DIP Switch:	Communication parameters (speed, communication type, change direction)	
CE Norms:	EN50081-2, EN55011, EN50082-2, EN61000-2-2/4, EN50140/141, EN61010-1, EN60742	
Connections:	Removable screw terminals for conductors up to 2,5 mm2	-



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