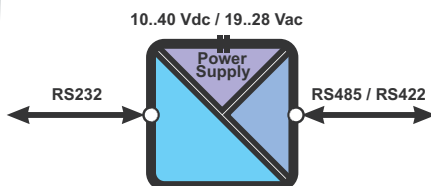


# Z107

## RS232 ↔ RS485/422 SERIAL CONVERTER

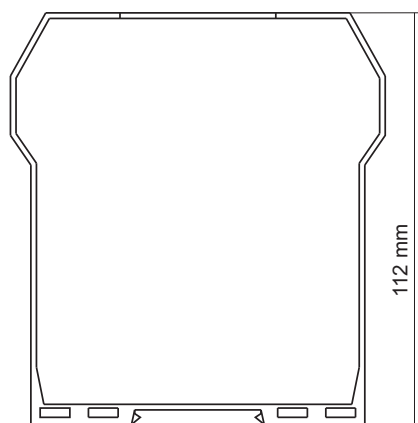


Z107 allows a transparent conversion and isolation of RS485/RS422 serial line into RS232 and viceversa.

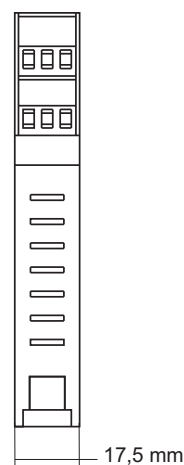
The RS232 connection is available both on terminals and RJ10 connectors. As well the RS485 connection is available both on terminals and back side connector.

### DIMENSIONS

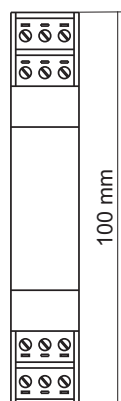
#### DEPTH



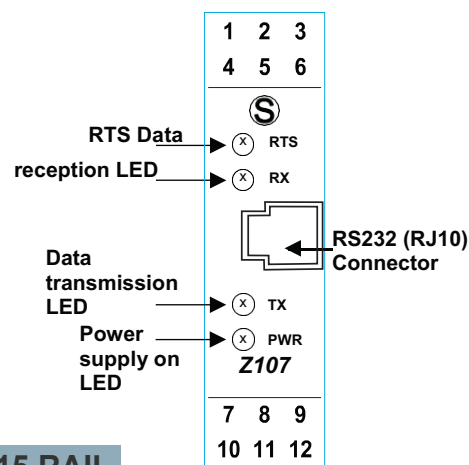
#### WIDTH



#### HEIGHT



#### FRONT PANEL DESCRIPTION



**WEIGHT: 150 g**

### TECHNICAL SPECIFICATIONS

#### General Data

Power supply	10..40 Vdc, 19..28 Vac 50..60 Hz
Power Consumption	2,5 W
Isolation	1.500 Vac (3 way)
Status Indicator	Power supply, RST signal status, data transmission, data reception
Protection Degree	IP20
Operating Temperature	0..+55 °C
Dimension (W x H x D)	17.5 x 100 x 112 mm
Weight	200 g
Enclosure	PBT
Connections	Removable terminal block, max wire size 2,5 mm <sup>2</sup>
Mounting	35 mm DIN rail guide

#### Communication, Memory Process

Interface	RS232 on RJ45 frontal connector RS485/RS422, removable terminal block with screw type connection
Operating ways	2 wires Half Duplex, point to point, multidrop
Direction change	Automatic timing, command from RTS on RS232 interface
Speed	Up to 115 kbps
Protocol	ModBUS RTU slave
Distance	Up to 1.200 m

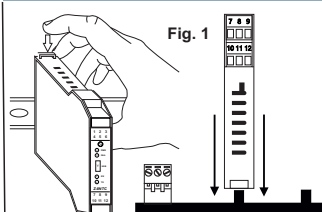
#### Configuration

DIP switches	Speed, communication, change of direction
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#### Standard

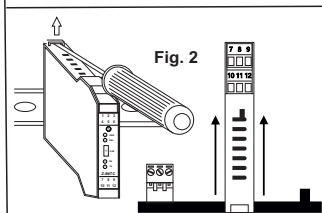
Approvals	CE, UL-CSA
Norms	EN 50081-2, EN 55011, EN 50082-2, EN 61000-2-2/4, EN 50140/141, EN 61010-1, EN 60742

### INSTALLATION ON AND REMOVAL FROM THE DIN IEC EN60715 RAIL



#### Insertion on the OMEGA IEC EN 60715 rail:

- 1) Move the two hooks on the back of the module outwards as illustrated in Fig.2.
- 2) Insert the rear IDC10 connector of the module on a free slot of the OMEGA rail accessory as shown in Fig. 1. (insertion is univocal as connectors are polarised).
- 3) To secure the module to the OMEGA rail, tighten the four hooks on the side of the IDC10 rear connector as shown in Fig. 1.



#### Removal from the OMEGA IEC EN 60715 rail:

As illustrated in Fig.2:

- 1) With the help of a screwdriver, pull the two hooks on the side of the module outwards.
- 2) Extract the module from the rail.