

Code: EW-485/1/2/SO

## BIDIRECTIONAL OPTICAL SEPARATOR **EW-485/1/2/SO** EWIMAR

The EW-485/1/2/SO separator is designed for galvanic separation of devices connected via the RS-485 bus. It eliminates transmission interferences and possible damages to RS-485 line transmitters caused by potential differences.

Removable screw terminals are used as connecting elements. The condition of correct protection is connecting the EW-485/1/2/SO device to the proper grounding or PE wire.



Number of inputs:	1 pcs Port RS-485 1 pcs Power supply
Number of outputs:	1 pcs
Operation mode:	Bi-directional RS-485 (half duplex) : Master - Slave
Max. transmission speed:	1 Mbit
Overvoltage protection:	600 W - Port RS-485 + Power connector
Opto-isolation between input and output:	1 kV DC
Power supply:	• 9 V - 35 V DC • 9 V - 24 V AC
Current consumption:	50 mA @ 12 V DC
Operation temp:	-20 °C ... 60 °C
Weight:	0.04 kg
Dimensions:	76 x 32 x 27 mm
Manufacturer / Brand:	EWIMAR
Guarantee:	2 years