

Code: EW-485/4/2/SO

RS-485 BUS DISTRIBUTOR **EW-485/4/2/SO** WITH OPTICAL SEPARATION

The EW-485/4/2/SO allows to amplify the RS-485 signal from a single transmitter (e.g. recorder, control panel, PC) and distribute it onto 4 independent RS-485 buses connected to receivers.

Device enables optical isolation among output buses and among output buses and input of the RS-485 signal.



Number of inputs:	1 pcs - RS-485
Number of outputs:	4 pcs - RS-485
Opto-isolation between input and output:	1 kV DC
Operation mode:	Bi-directional RS-485 (half duplex)
Baud rates:	1 Mbit
Overvoltage protection:	600 W - RS-485 ports + Power connector
Main features:	<ul style="list-style-type: none"> • optical isolation between each of the RS-485 outputs • optical isolation between RS-485 outputs and input • increase the maximal distance for RS-485 transmission • enable to use the star topology instead of standard bus topology • protection against lightning discharges and voltage differences and strokes between devices
Power supply:	9 V - 24 V DC
Current consumption:	180 mA @ 12 V DC
Weight:	0.093 kg
Dimensions:	107 x 83 x 32 mm
Manufacturer / Brand:	EWIMAR
Guarantee:	2 years