

	UNIDIRECTIONAL OPTICAL SEPARATOR EW-485/1/1/SO EWIMAR	BIDIRECTIONAL OPTICAL SEPARATOR EW-485/1/2/SO EWIMAR	RS-485 BUS DISTRIBUTOR EW-483/4/1/SO WITH OPTICAL SEPARATION	RS-485 BUS DISTRIBUTOR EW-485/4/2/SO WITH OPTICAL SEPARATION	RS-485 SPLITTER WITH OPTOISOLATION ORS-22	RS-485 SPLITTER WITH OPTOISOLATION ORS-8	CONVERTER RS-485/RS232	CONVERTER USB-485/1/1 EWIMAR	CONVERTER USB/RS485
									
	38.39 EUR 38.39 EUR	56.36 EUR 56.36 EUR	131.66 EUR 131.66 EUR	167.10 EUR 167.10 EUR	56.99 EUR 56.99 EUR	106.56 EUR 106.56 EUR	4.21 EUR 4.21 EUR	33.22 EUR 33.22 EUR	3.10 EUR 3.10 EUR
Input	...	...	...	...	RS-485	RS-485	RS-232	USB	USB
Number of inputs	1 pcs Port RS-485 1 pcs Power supply	1 pcs Port RS-485 1 pcs Power supply	1 pcs - RS-485	1 pcs - RS-485	2 pcs	1 pcs	1 pcs	1 pcs	1 pcs
Output	...	...	...	...	RS-485	RS-485	RS-485	RS-485	RS-485
Number of outputs	1 pcs	1 pcs	4 pcs - RS-485	4 pcs - RS-485	2 pcs	8 pcs	1 pcs	1 pcs	1 pcs
Max. transmission speed	1 Mbit	1 Mbit	...	...	...	...	...	...	...
Connectors	...	...	...	...	...	...	DB9/RS232 Cable terminals	• USB • Cable terminals	USB Cable terminals
Optoisolation	...	...	...	...	1000 V RS-485	1000 V RS-485	...	...	...
Communication	...	...	one-direction RS-485	...	Simplex	Simplex	Asynchronous, Half Duplex : 57600 b/s	fluent bidirectional transmission (half duplex)	• fluent bidirectional transmission (half duplex) • one-directional continuous transmission
Operation mode	one-direction RS-485 : Master - Slave	Bi-directional RS-485 (half duplex) : Master - Slave	...	Bi-directional RS-485 (half duplex)	...	...	...	...	...
Main features	...	...	...	...	...	...	...	• The FT232RL chip • ESD protection • Supports max. 32 devices	...
Transmission range	...	...	...	...	1200 m / Input 1200 m / Output	1200 m / Input 1200 m / Output	1200 m (RS-485 output) 5 m (RS-232 output)	1200 m	1200 m (9600 b/s)
Opto-isolation between input and output	1 kV DC	1 kV DC	1 kV DC	1 kV DC	...	...	...	...	...
Baud rates	...	...	1 Mbit	1 Mbit	2400 ... 115200 bps	2400 ... 115200 bps	...	max. 1 Mbit	max. 115 kbps
Overvoltage protection	600 W - Port RS-485 + Power connector	600 W - Port RS-485 + Power connector	600 W - RS-485 ports + Power connector	600 W - RS-485 ports + Power connector	...	...	...	...	...
System requirements	...	...	...	...	...	...	...	Windows 7 / 8.1 / 10 / 11 / Linux	Windows XP/Vista/7/8/10, Linux
Power connector	...	...	...	...	...	...	Cable terminals	USB	USB
Main features	...	...	• 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	• 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	• 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	• 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	...	...	...
Operation temp	-20 °C ... 60 °C	-20 °C ... 60 °C	...	...	...	...	-25 °C ... 70 °C	...	...
Power supply	9 V - 24 V AC/DC	• 9 V - 35 V DC • 9 V - 24 V AC	9 V - 24 V DC	9 V - 24 V DC	12 V DC / 0.15 A (power adapter not included)	12 V DC / 0.5 A (power adapter not included)	5 ... 12 V DC	from USB port	from USB port
Current consumption	50 mA @ 12 V DC	50 mA @ 12 V DC	150 mA @ 12 V DC	180 mA @ 12 V DC	...	...	...	...	...
Weight	0.03 kg	0.04 kg	0.093 kg	0.093 kg	0.11 kg	0.28 kg	0.03 kg	...	...
Dimensions	73 x 32 x 24 mm	76 x 32 x 27 mm	107 x 83 x 32 mm	107 x 83 x 32 mm	118 x 58 x 30 mm	213 x 36 x 93 mm	95 x 33 x 17 mm	...	...
Manufacturer / Brand	EWIMAR	EWIMAR	EWIMAR	EWIMAR	DELTA	DELTA	...	EWIMAR	...
Guarantee	2 years	2 years	2 years	2 years	3 years	3 years	2 years	2 years	2 years

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