

TECHNICAL DATA

max. transfer rate RS232/RS485/RS422	115 / 460 / 460kb/s
max. FO length	15km on 9/125µm SMF
connector FO Single Mode	ST duplex, 1310nm
connector RS232/422/485	screw
isolation RS422/RS485	1 kV
selectable terminator	120 Ohm
transfer mode	full duplex – RS232 half duplex – RS485 full duplex – RS422 „controlled RS422“ „four-wire RS485“
power supply	10-50V DC/ 9-34V AC
input power	max 2.5 W
overvoltage protection - RS485/RS422	600W/1ms
overvoltage protection – power supply	600W/1ms
optical indication (LED)	red PWR yellow RxD green TxD permanent yellow LED
indication of interrupted fiber optic dimension	76 x 45 x 115mm

CONDITIONS OF WARRANTY

ComErgon Ltd. provides full warranty of 24 month for serial interface module DIN 7.2/485 starting on the day of purchase.

The warranty is except for the cases in which the functioning of the module has been affected by faulty manipulation, natural catastrophes or other external factors.

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DIN serie

DIN 7.2/485

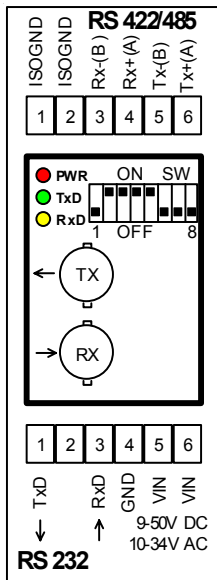
converter

RS 232/422/485 ↔ FO single mode

isolated RS422/RS485



LAYOUT



STANDARD SETTING

transfer mode

terminator

hold line (pull-up, down)

RS232 – full duplex

RS485 – half duplex

120 R

ON

RS422/RS485 setting - SW

	POSITION	MODE	NOTE
SW	1 OFF	must be OFF	
	1 ON		
	2 OFF	mode RS422	
	2 ON	mode RS485	
	3 OFF	mode RS422	
	3 ON	mode RS485	
	4 OFF	RS422/485 -	
	4 ON	- terminator for receiver	120 R
	5 OFF	receiver hold line -	
	5 ON	- pull down	mode RS232
	6 OFF	receiver hold line -	
	6 ON	- pull up	mode RS232
	7 OFF	transmitter hold line -	
	7 ON	- pull down	
	8 OFF	transmitter hold line -	
	8 ON	- pull up	

Necessary setting - RS232

SW 5, 6 ON

Recommended setting - RS485

SW 1, 7, 8 OFF

SW 2, 3, 4, 5, 6 ON

Recommended setting - RS422

SW 1, 2, 3 OFF

SW 4, 5, 6, 7, 8 ON

Note – at the same time can be used RS422/RS485 or RS232