TECHNICAL DATA

supported transfer mode

max. transfer rate max. line length isolation selectable terminator connector RS232, PWR connector RS422, RS485 operating mode selection overvoltage (soft) protection - RS485 overvoltage (soft) protection - PWR polarity inversion protection optical indication (LED)

power supply

power consumption dimension

RS485, RS422 4-wire RS485 controlled RS422 115 kb/s 1 200 m 1 kV 120R screw screw rotary switch 600W/1ms 600W/1ms diode PWR red yellow RxD green TxD 9 - 50 V DC 10-34V AC max 1.2 W 90 x 36 x 58mm



CONDITIONS OF WARRANTY

ComErgon Ltd. provides full warranty of 24 month for serial interface module DIN 2.4/485 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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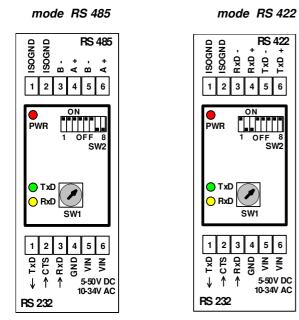
Cachticka 23, 831 06 Bratislava Slovak Republic e-mail: service@comergon.sk http: www.comergon.sk **DIN** serie

DIN 2.4/485

isolated converter

RS 232 ↔ RS 422 / RS485





TRANSFER MODE - RS 485, RS 422 - SW 2

SW 2	position 2, 3 ON	RS485	A(+), B(-)
	position 2, 3 OFF	RS422	Tx+, Tx-, Rx+, Rx-

STANDARD SETTING *

mode receiver control transmitter control terminator RS 485 – half duplex permanent RTS log 1 120R + pull up, down

SETTING OF OPERATING MODES - SW 1

SW1	TRANSMITTER	RECEIVER	
	CONTROL	CONTROL	
0 (8)	RTS log1	RTS log0	
1 (9)	RTS log0	RTS log1	
2 (A) *	RTS log1	permanent	
3 (B)	RTS log0	permanent	
4 (C)	TxD	inverse to TxD	
5 (D)	TxD	permanent	
6 (E)	permanent	permanent	
7 (F)	not allowed	not allowed	

LINK SETTING – SW 2

	PC	DSIT.	MODE	NOTE
	1		NC	NC
	2	OFF	mode RS422	
	2	ON *	mode RS485	
	3	OFF	mode RS422	
	3	ON *	mode RS485	
	4	OFF	RS422/485 - receiver	
SW2	4	ON *	terminator	120 R
	5	OFF	receiver hold line -	RS485, RS422
	5	ON *	– pull down	
	6	OFF	receiver hold line -	RS485, RS422
	6	ON *	– pull up	
	7	OFF *	transmitter hold line -	RS422
	7	ON	– pull down	
	8	OFF *	transmitter hold line -	RS422
	8	ON	– pull up	