

TECHNICAL PARAMETERS

max. transfer rate	115 kb/s
max. length of line	1 200 m
transmitter control	RTS or TxD
receiver control	inverse or permanent
galvanic separation (DC/DC converter)	1 kV
optical separation	2.5 kV
selectable terminator	120 Ohm
connector RS232c, PWR	screw
connector RS485	screw
number of channels	1
power supply	9 - 30 V DC
power consumption	1.1 W
overvoltage protection - RS485 side	600W/1ms
overvoltage protection – power supply	600W/1ms
optical indication (LED)	red PWR yellow RxD green TxD
dimension	90 x 36 x 58mm



DIN serie

DIN 2.1/485

isolated converter

RS 232c ↔ RS 485

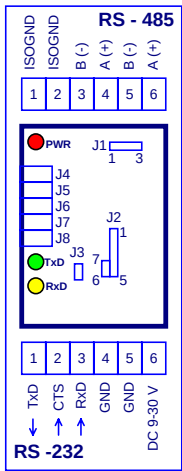


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LAYOUT OF JUMPERS AND CONNECTORS



STANDARD SETTING

transmitter control
receiver control
terminator
connected sognals
hold line
(pull-up, pull-down)

RTS log 1
inverse to transmitter control
120 Ω
A, B
connected

SELECTION OF OPERATING MODES

JUMPER	PIN	FUNCTION
TRANSMITTER CONTROL - RS485		
J2	1 - 2, 3 - 4	by signal RTS log 1(> +3V)
J2	2 - 3, 4 - 5	by signal
J3	ON *	RTS log 0 (< -3V)
J2	1 - 2, 4 - 7	by signal Tx-D
RECEIVER CONTROL - RS485		
J1	1 - 2	inverse to trnasmitter
J1	2 - 3	permanent
SIGNAL CONNECTION, HOLD LINE, TERMINATOR		
J4	ON *	sig. A connected
J5	ON *	sig. B connected
J6	ON *	terminator 120 Ω
J7, J8	ON *	hold line (pull-up,down)

CONFIGURATION OF RS485 LINE

