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RS232-RS485/422



Main functions:

- Protocols conversion: RS232 to RS485 or RS422
- RS232 interface: DB9
- Power supplier: 90-230V~, 50-60Hz
- Connection data adjustable by switches

Discontinued

First interface		
RS232	distance up to 15m, speed up to 19,2Kbit/s	
Second interface		
RS485	or RS422	distance up to 1,2km, max 32 transivers, speed up to 19.2 Kbits/s
General		
One-phase power	56-240V~ AC, 50-60Hz	
Capacity	<25mA	
Regulatory approvals		
Electromagnetic compatibility	LST EN 61000-4-5:2002+A1:2003 LST EN 55022:2000+A1+AC:2002+A2:2003 LST EN 55024:2000+A1:2003+A2:2003 LST EN 61000-4-2+A1+A2:2002 LST EN 61000-4-3+A1:2004 LST EN 61000-4-4:2005 LST EN 61000-4-5:2002+A1:2003 LST EN 61000-4-6:2002+A1:2003	
Safety	LST EN 60950-1:2006 LST EN 60950-1:2006/A11:2009	
LED indication		
Power	+	
Serial ports read/write for each port	+	
Physical characteristics		
Dimmensions	45x75x110 mm	
Weight	250 g	
Climate conditions		
Operating temperature	-25..+60 °C	
Storage temperature	-40..+60 °C	

Humidity range	5-95%, non-condensing
Other features	
24 months warranty period	+

OVERVIEW

Protocol converter RS232 - RS485 / RS422 committed for conversion of RS232 signal to RS485 or RS422 and vice versa.

MAIN FUNCTIONS

- line noise protection;
- device work is independent from sent data;
- can be used, even with devices that has different potential;
- reliable long distance connection.

SPECIFICATION

Max number of supported devices	32
RS485/RS422 line distance	1000m
Supported data transfer modes	asynchronous, full/half duplex or simplex
Data transfer speed	100 kbit/s
Termination resistor	120 Ωm, switchable by micro switch
Direction control	over RTS, CTS, DTR or automatic
Electricity insulation breakdown voltage	>1,5 kV
Power consumption	3W
Power	90-230V~, 50-60Hz
Dimensions	45mm x 75mm x110mm
Weight	0,25 kg
Mounting type	on DIN rail
Indication	LED's on front pannel
Operating conditions	from - 10 °C to + 50 °C, humidity 80 %, non-condensing
Storage conditions	from - 20 °C to +70 °C