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M-Bus-RS232/485



Main features:

- RS485 transmission direction: automatic
- MAX amount of M-Bus devices: 250 (375mA)
- M-Bus short connection protection: yes
- Power supplier: 90-250V ~, 50-60Hz
- Mounting type: on DIN rail

First interface	
M-Bus	up to 250 devices (375mA)
Second interface	
RS485	distance up to 1,2km, max 32 transivers
RS232	distance up to 15m
General	
One-phase power	90-250V~, 50-60 Hz
Galvanic isolation	>1000V
Capacity	not loaded up to 3,5W, fully loaded up to 20W
Regulatory approvals	
Electromagnetic compatibility	EN 55022:2010 EN 55024:2010 EN 61000-4-2:2009 EN 61000-4-3:2006 EN 61000-4-3:2006/A1:2008 EN 61000-4-3:2006/A2:2010 EN 61000-4-4:2004 EN61000-4-4:2004/A1:2010 EN 61000-4-6:2009
Safety	EN 60950-1:2006+A1:2010+A11:2009+A12:2011
LED indication	
Power	+
Serial ports read/write for each port	+
Physical characteristics	
Dimmensions	110x75x45mm
Weight	170 g
Mounting type	on DIN32 rail

Safety class	IP20
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

Converter RS232/RS485-MBus for conversion of RS232 or RS485 signals to MBus and vice versa.

SPECIFICATION

RS485 direction control	auto
MBus permissible load	up to 250 devices (375 mA)
Protection of MBus short connection	yes, triggering current 500 mA
Short connection reaction time	programmable - 1-4s (recover 10-60s)
Mbus line voltage	mark - 36 - 40 V. Space 24 - 27 V
Data transfer speed	from 300 to 9600 bods
Galvanic isolation	power- RS232/RS485 power - Mbus Mbus - RS232/RS485
Insulation breakdown voltage	> 1,5 kV
Power supplier	90-250V~, 50-60Hz
Power consumption	not loaded up to 3,5W, fully loaded up to 20W
Indication	LED
Enclosure	DIN rail mountable
Dimensions	45 mm x 75 mm x 110 mm
Operating conditions	from - 30 °C to + 50 °C / 80 % RH, without condensate
Storage conditions	from - 40 °C to +60 °C