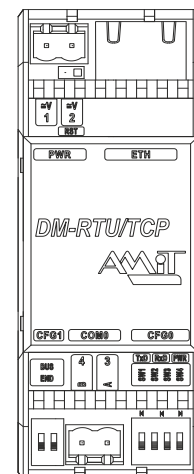


DM-RTU/TCP

Modbus RTU/Modbus TCP Bidirectional Converter

- Ethernet network access via RS485 interface and vice versa
- Virtual serial port
- RS485 interface with GI
- Ethernet interface
- Mounting on a 35 mm DIN rail
- LED indication of line activity
- 24 V DC/AC power supply



TECHNICAL DATA

RS485	
Communication speed	300 bps to 115,200 bps
Galvanic isolation	Yes ¹⁾
Connection point Wire cross-section	DEGSON screw terminals 0.5 mm ² to 1.5 mm ²
Ethernet	
Ethernet communication speed	10/100 Mbps
Ethernet galvanic isolation	Yes ¹⁾
Connection point	RJ45
Power supply	
Maximum power consumption	24 V DC/AC ±10 % 2 W
Connection point Wire cross-section	DEGSON screw terminals 0.5 mm ² to 1.5 mm ²
Other	
Ingress protection rate	IP20
Operating temperature range	+5 °C to +40 °C
Ambient humidity range	5 % to 85 %, non-condensing
Mounting	For 35 mm DIN rail
Weight	80 g ±5 %
Dimensions (w × h × d)	(36 × 99 × 64) mm

¹⁾ Insulation strength 1,000 V AC; galvanic isolation must not be used to separate safe and hazardous parts.

ORDERING INFORMATION

DM-RTU/TCP	Modbus RTU/Modbus TCP Bidirectional Communication Converter
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amit-automation.com

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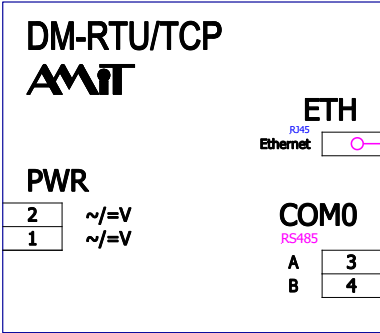


DESCRIPTION OF TERMINALS AND LEDS

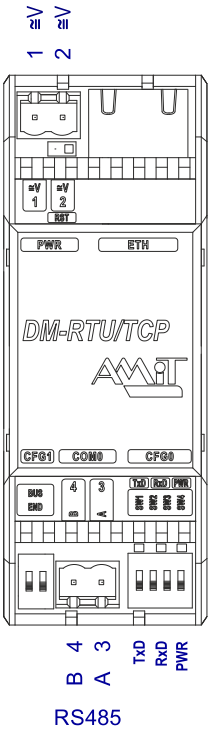
Terminal	Signal	Significance
1	$\cong V$	Power supply (DC/AC)
2	$\cong V$	Power supply (DC/AC)
3	A	RS485, signál A
4	B	RS485, signál B

LED	Significance
PWR	The converter is powered
RxD	Receiving on the RS485 interface
TxD	Transmitting on the RS485 interface

RECOMMENDED DRAWING SYMBOL



LOCATION OF TERMINALS AND LEDS



MECHANICAL DIMENSIONS

