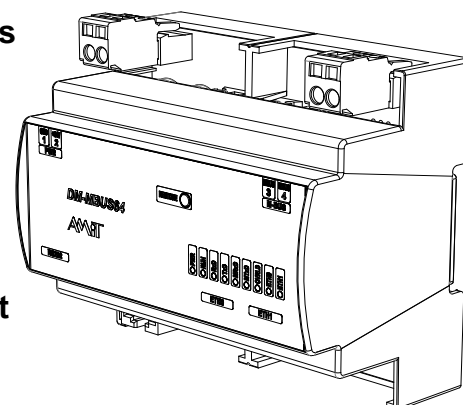


DM-MBUS64

Converter M-Bus – Ethernet/RS232

- Master-type M-Bus interface, max. 64 SLAVE units
- Ethernet interface 10/100 Mbps
- RS232 interface with GI
- DIN 35 mm rail mounting
- Power supply, +24 V DC
- Communication MODBUS (TCP/RTU) / APE / Direct



TECHNICAL DATA

M-Bus ¹⁾	1×
Interface type	Master
Communication speed	300 bps, 600 bps, 1,200 bps and 9,600 bps
Overtoltage protection	Transil 600 W
Short-circuit protection	Electronic
M-bus interface power supply	From internal power supply
Galvanic isolation	No
Number of connectible SLAVE units	1 to 64
Connection point	Connector WAGO 231-302/102-000
Ethernet (switch)	1×
Communication speed	10/100 Mbps
Galvanic isolation	Yes ²⁾
Connection point	2× connector RJ45, according to IEEE802.3
RS232	1×
Communication speed	1,200 bps to 57,600 bps
Galvanic isolation	Yes ²⁾
Connection point	RJ45 connector, according to EIA-561
Power supply	19.2 V DC to 28.8 V DC
Maximum consumption	100 mA at 24 V DC ³⁾
Power dissipation (typical)	1.5 W ³⁾
Other	
Ingress protection rate	IP10
Operating temperature range	0 °C to 50 °C
Maximum ambient humidity	< 95 % non-condensing
Mounting	On DIN rail
Weight	220 g
Dimensions (w × h × d)	(106 × 100 × 62) mm

¹⁾ M-Bus interface complies with EN 13757-2:2005 standard.

²⁾ Isolation strength 500 V AC / 1 min, galvanic isolation must not be used for separation of dangerous voltages.

³⁾ Without slave units connected on the M-Bus line.

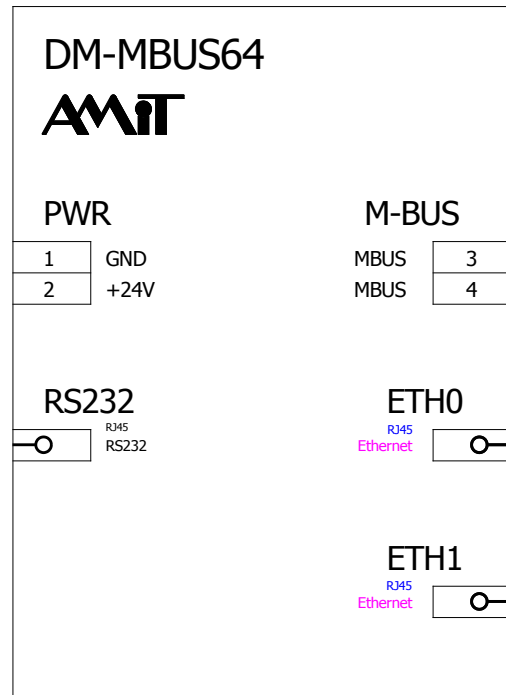
ORDERING INFORMATION

DM-MBUS64	Communication converter, WAGO connectors
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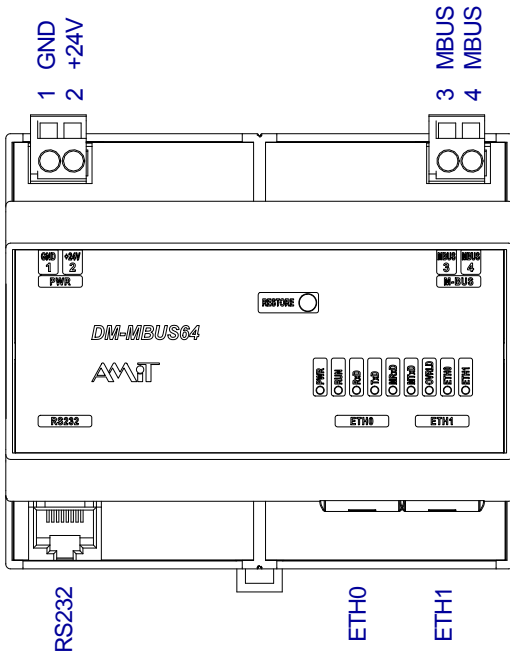
TERMINALS IDENTIFICATION

Terminal	Signal	Description
1	GND	Power supply, ground
2	+24V	Power supply, +24 V DC
3	MBUS	Terminal M-Bus
4	MBUS	Terminal M-Bus

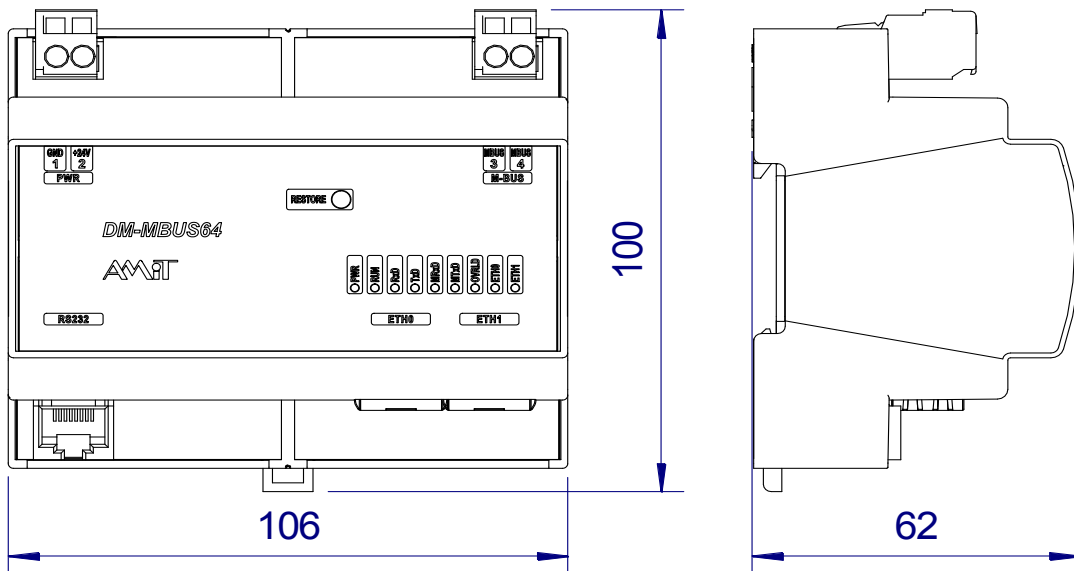
RECOMMENDED DRAWING SYMBOL



LOCATION OF TERMINALS



MECHANICAL DIMENSIONS



Data provided in this datasheet are informative only. Binding detailed information can be found in the operational manual ([dm-mbus64_g_en_xxx.pdf](#)). Documentation and examples are available for download at amitautomation.com.