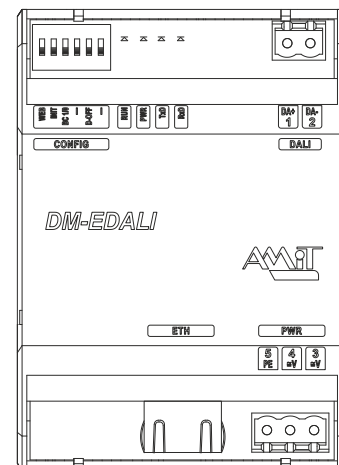


DM-EDALI

Modbus TCP/DALI communication converter

- DALI interface
- Ethernet interface
- DIN 35 mm rail mounting
- LED indicators for line activity
- 24 V DC/AC or PoE power supply



TECHNICAL DATA

DALI	Standard ČSN EN 60929, 4th ed. 2011, Annex E
Communication speed	1,200 bps
Galvanic isolation	Yes ¹⁾
Short-Circuit Protection	Electronic
Maximum Current	250 mA
Connection point Wire cross-section	DEGSON screw terminals max. 2.5 mm ²
Ethernet	
Ethernet communication speed	10/100 Mbps
Ethernet galvanic isolation	Yes ¹⁾
Connection point	RJ45
Power supply	24 V ±20 % AC/DC or PoE (Power over Ethernet, 802.af Class 2)
Maximum power consumption	1 VA (without DALI load) max. 6 VA (full load, 64 DALI slave devices)
Connection point Wire cross-section	DEGSON screw terminals max. 2,5 mm ²
Other	
Ingress protection rate	IP20
Operating temperature range	+5 °C to +45 °C
Ambient humidity range	5 % to 95 %, non-condensing
Mounting	For 35 mm DIN rail
Weight	100 g ±5 %
Dimensions (w × h × d)	(70 × 99 × 45) mm

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

ORDERING INFORMATION

DM-EDALI	Modbus TCP/DALI Communication Converter
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amit-automation.com

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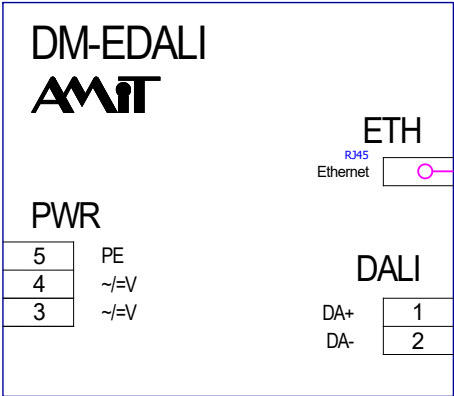


DESCRIPTION OF TERMINALS AND LEDS

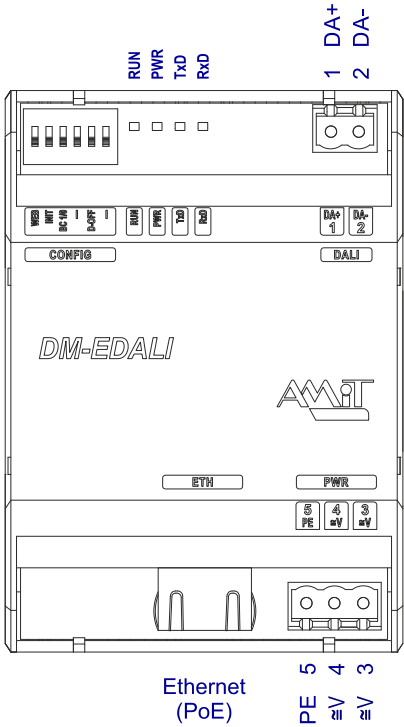
Terminal	Signal	Significance
1	DA+	DALI, signal +
2	DA-	DALI, signal -
3	$\cong V$	DC/AC power supply
4	$\cong V$	DC/AC power supply
5	PE	Optional connection for shielding

LED	Significance
RUN	Software running (flashing 1:1)
PWR	Converter is powered
RxD	Receiving on the DALI interface
TxD	Transmitting on the DALI interface

RECOMMENDED DRAWING SYMBOL



LOCATION OF TERMINALS AND LEDS



MECHANICAL DIMENSIONS

