

CAN-DALI-M3 **CANx DALI gateway**

Seamlessly connects DALI lighting systems with CANx-based building automation networks. Supports DALI-1 and DALI-2 with multi-master capability. Offers individual, group and broadcast control. Supports DALI scenes, tunable white and RGB/RGBW.

LogicMachine5 is required for operation

DALI CAN FT 1 Programming / Reset button USB 2.0 1 (only for device firmware upgrade) Power Main power supply DALI bus power supply Power consumption 15 V 18 V DC Power consumption 0.72 W (stand-by), 1.4 W (max) Connections CANx bus Bus connection terminal, 0.8 mm² Power supply and DALI Screw terminals, 0.8 mm² 1.5 mm² LED indicators Green Bus activity / programming mode Red Bus or hardware fault / reset Enclosure Mounting support DIN rail DIN module width 3 Dimensions WxHxD 54 x 114 x 61 mm IP degree of protection IP20 Net weight 86 g Standards compliance EMC EN61000-6-1; EN61000-6-3 Environment Operational temperature 0 °C +45 °C Storage temperature -15 °C +55 °C Relative humidity 0% 93% (without condensation)	Physical interfaces	
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Storage temperature -15 °C +55 °C Relative humidity 0% 93% (without condensation)	Environment	
Relative humidity 0% 93% (without condensation)	Operational temperature	
	Storage temperature	-15 °C +55 °C
Warranty 2 years	Relative humidity	0% 93% (without condensation)
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	Warranty	2 years



Key highlights

Robust and efficient communication Utilizes time-proven CAN FT field bus.

High bandwidth CAN FT bus Supports 48Kbps over CAN FT bus, ensuring fast and reliable data transfer.

LoRa-enabled variants

Selected CANx devices offer LoRa 433 wireless communication for flexibility.

Seamless protocol interoperability * Unified data types enable smooth integration with other systems such as KNX, Modbus, BACnet, MQTT, and more.

Co-exists with KNX while enhancing performance *

Eliminates KNX fieldbus limitations (speed, semantics) while maintaining full user experience and compatibility with KNX.

ETS-friendly integration *

Supports importing KNX project files and enriching them with semantics for advanced data modelling.

Comprehensive commissioning *

Free CANx and DALI web-based commissioning tools available via the LogicMachine app store for device discovery, configuration and diagnostics.

* LogicMachine is required for commissioning and interconnectivity with other protocols.







