

CAN-CANLF

CANx In-line repeater

CAN-CANLF is a flush-mounted in-line repeater designed to extend CANx lines by supporting up to 32 additional devices.

Physical interfaces

CAN FT	2
--------	---

Power

Power supply	24 V DC
Power consumption	0.1 W (stand-by), 0.16 W (max)

Connections

CANx bus / Power supply	Bus connection terminal, 0.8 mm ²
-------------------------	--

LED indicators

Green	Bus activity
Red	Bus fault

Enclosure

Mounting support	Flush-mounted
Dimensions WxHxD	58 x 24 x 15 mm
IP degree of protection	IP20
Net weight	14 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)

Warranty

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.

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.*