Embedded Systems SIA
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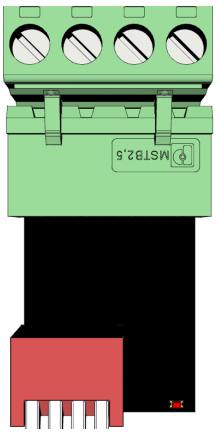
CANT
CANx line termination device

CANT is a flush-mounted line termination device designed to optimize signal integrity on extended CANx lines with a small number of connected devices. Line termination strength is adjustable via on-board DIP switch.



Physical interfaces	
CAN FT	1
DIP switch	1
Power	
Power supply	24 V DC
Power consumption	0.19 W (stand-by), 0.41 W (max)
Connections	
CAN FT bus / Power	Screw terminals, 0.8 mm^2 .. 1.5 mm^2
LED indicators	
Green	Power
Red	Bus fault
Enclosure	
Mounting support	Flush-mounted
Dimensions WxHxD	48 x 24 x 18 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	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.*

logicmachine.net

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