Embedded Systems SIA, VAT No LV40003411103
47. Katolu str., Riga, LV 1003, LATVIA
Phone: +371 67648888, fax: +371 67205036, e-mail: sales@openrb.com

CANT active line filter

ENG - Data sheet
Issue date 8.10.2019

Application

CANT device is to be used in projects with long cables and small number of CANx devices. The device is designed for flush-mounting and can be installed in any place along the line.

Here is a tool for max theoretical cable length calculation (KNX standard cable is usually 100pF/m): http://canx.info/calc/

Also the calculator is included in the CANx app on LogicMachine.

Types of product	
CANT	CANT active line filter
Technical data	
Power supply for gateway	12-32V DC
Power consumption (at 24 V)	3 mA (stand-by), 4 mA (full load)
DC overvoltage protection:	50 V
Wrong wiring polarity protection	Yes
Interfaces and operating elements	
CAN FT	1
DIP switch	1
LED	1 – Power, 1 - Error
Clamps and enclosure	
CAN FT Terminal	3.5 mm2
Power supply	3.5 mm2
Color	Gray
Dimensions	12(W)x43(H)x23(L) mm

Protection	IP20 according to EN 60529
Usage temperature	-5C ... +55C
Storage temperature	-20C ... +70C
Net weight:	61 g
Gross weight	73 g
Standards and norms compliance	
CE conformity	EMBS-CE-19108/01 Electromagnetic compatibility
EMC	EN61000-6-1, EN61000-6-3

Caution

Security advice

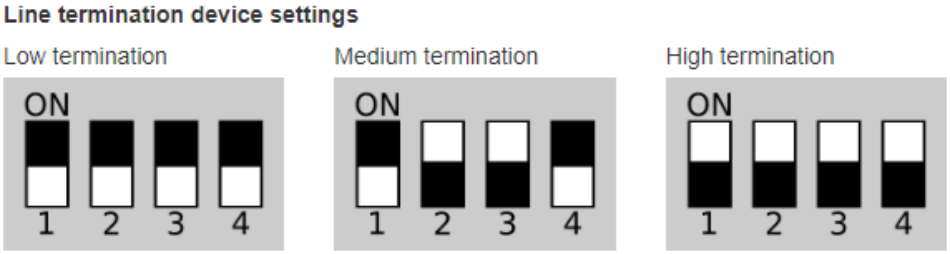
The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

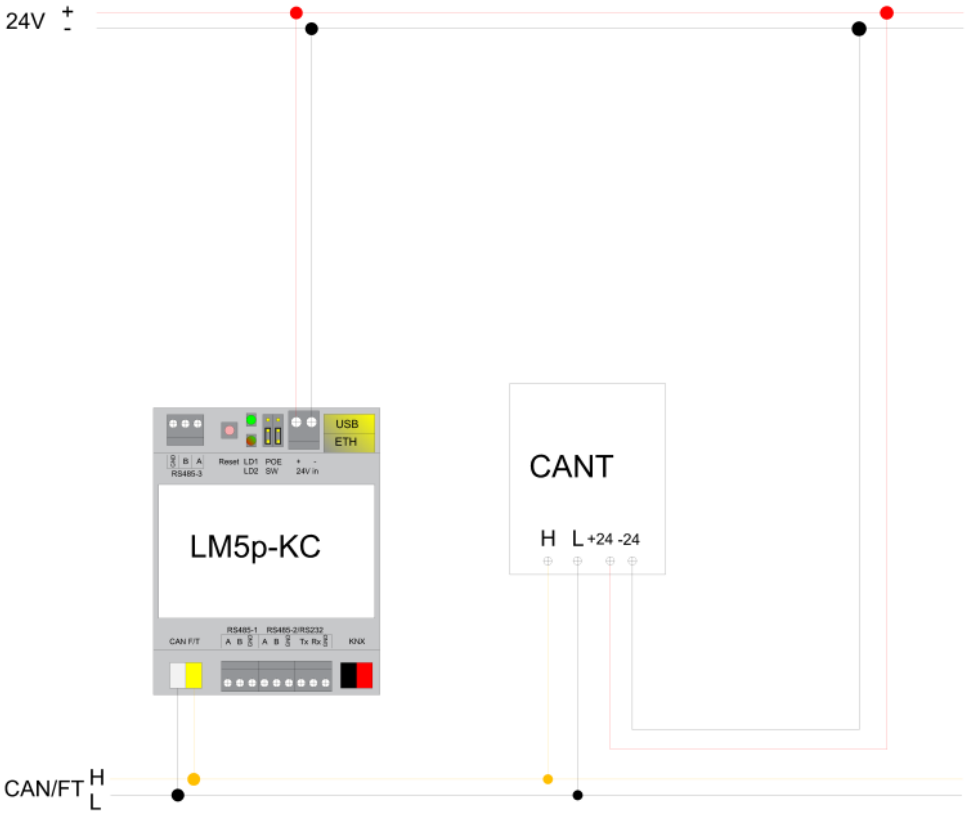
Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device not needed. When switching the power supply on or off, power surges must be avoided.




24V
+
-
USB
ETH
B A
RS485-3
Reset
LD1
LD2
PQE
SW
+ -
24V in
LM5p-KC
RS485-1
RS485-2/RS232
CAN F/T
A B
A B
Tx Rx
KNX
CANT
H L +24 -24
CAN/FT
H
L