IoT and CANx

solutions 2019

CAN-UIO16

CANx 16 x Analog inputs / Digital outputs

This device is designed as swiss-knife for your installation. It can be used as push-button interface, analog sensor input module, pulse meter or controller of external contactors.

Interfaces	CAN FT, microUSB
Universal I/O	16 (AI resolution 12bits; DO current 350mA/channel)
Power supply	12-32V DC
Dimensions	3DIN 52x100x56 mm

CAN-UI10

CANx 10 x Push-button inputs / 1 x PT1000 sensor input

Each port of this flush-mounted module can be used as push-button input or LED control. This device has thermostat functionality with temperature data taken either from PT1000 resistive sensor input or built-in sensor.

Interfaces	CAN FT, microUSB
Binary I/O	10 (5V / 5mA if used as output)
Temperature sensor	Built-in or PT1000 input
Power supply	12-32V DC
Dimensions	Flush 52x48x15 mm

CAN-UIO8-LoRa

CANx / LoRa 433 MHz 8 x Analog inputs / Digital outputs

This device is designed as swiss-knife for your installation. It can be used as push-button interface, analog sensor input module, pulse meter or controller of external contactors. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, LoRa 433, microUSB
Universal I/O	8 (AI resolution 12bits; DO current 350mA/channel)
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	3DIN 52x100x68 mm

CAN-AO6

CANx 6 x 0-10V Analog outputs

This device is used as dimmer in lighting control applications. It is applicable also for motor, inverter, hydraulic actuator and other device control supporting analog signal.

Interfaces	CAN FT, microUSB
0-10V outputs	6
Power supply	12-32V DC
Dimensions	3DIN 52x100x56 mm

CAN-AO6-LoRa

CANx / LoRa 433 MHz 6 x 0-10V Analog outputs

This device is used as dimmer in lighting control applications. It is applicable also for motor, inverter, hydraulic actuator and other device control supporting analog signal. This device can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, LoRa 433, microUSB
0-10V outputs	6
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	3DIN 52x100x68 mm

CAN-R1-PT1000

CANx 1 x 6A Relay / 1 x PT1000 sensor input

This flush-mounted device is applicable in floor heating applications. It is equipped with resistive temperature sensor input and relay for AC/DC circuit commutation.

Interfaces	CAN FT, microUSB
Relay	1 (250V AC 10A, 30V DC 5A)
PT1000 input	1
Power supply	12-32V DC
Dimensions	Flush 53x25x43 mm

CAN-PT8

CANx 8 x PT1000 sensor inputs

This device is designed for heating applications. It is equipped with 8 input channels for connection of temperature sensors.

Interfaces	CAN FT, microUSB
PT1000 inputs	8
Power supply	12-32V DC
Dimensions	3DIN 52x100x56 mm

CAN-PT8-LoRa

CANx/ LoRa 433 MHz 8 x PT1000 sensor inputs

This device is designed for heating applications. It is equipped with 8 input channels for connection of temperature sensors. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, LoRa 433, microUSB
PT1000 inputs	8
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	3DIN 52x100x68 mm

CAN-R6-LoRa

CANx / LoRa 433 MHz 6 x 10A Relays

This device is designed for high power AC/DC circuits commutation. It is applicable for power sockets, blinds/shutters, thermoelectric valve, non-dimmable light, HVAC, locks control. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, LoRa 433, microUSB, 6 x manual control buttons
Relays	4 (250V AC 10A, 30V DC 5A)
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	4DIN 70x91x68 mm

CAN-R4

CANx 4 x 10A Relays

This device is designed for high power AC/DC circuits commutation. It is applicable for power sockets, blinds/shutters, thermoelectric valve, non-dimmable light, HVAC and locks control.

Interfaces	CAN FT, microUSB, 4 x manual control buttons
Relays	4 (250V AC 10A, 30V DC 5A)
Power supply	12-32V DC
Dimensions	4DIN 70x91x56 mm

CAN-R4-LoRa

CANx 4 x 10A Relays

This device is designed for high power AC/DC circuits commutation. It is applicable for power sockets, blinds/shutters, thermoelectric valve, non-dimmable light, HVAC and locks control. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, microUSB, 4 x manual control buttons
Relays	4 (250V AC 10A, 30V DC 5A)
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	4DIN 70x91x68 mm

CAN-R6HC

CANx 6 x 16A Relays, High inrush current

This device is designed for high power AC/DC circuits commutation. Especially it is applicable in lighting applications where high inrush current is required.

Interfaces	CAN FT, microUSB, 6 x manual control buttons
Relays	6 (Resistive 16A / 250VAC , Incandescent lamp 3000W / 230VAC, Inrush current 165A / 20ms, LED 492A / 1.5ms)
Power supply	12-32V DC
Dimensions	6DIN 108x91x56 mm

CAN-R6HC-LoRa

CANx/LoRa 433 MHz 6 x 16A Relays, High inrush current

This device is designed for high power AC/DC circuits commutation. Especially it is applicable in lighting applications where high inrush current is required. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, LoRa 433, microUSB
Relays	6 (Resistive 16A / 250VAC , Incandescent lamp 3000W / 230VAC, Inrush current 165A / 20ms, LED 492A / 1.5ms)
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Dimensions	6DIN 108x91x68 mm

CAN-R8

CANx 8 x 10A Relays

This device is designed for high power AC/DC circuits commutation. It is applicable for power sockets, blinds/shutters, thermoelectric valve, non-dimmable light, HVAC and locks control.

Interfaces	CAN FT, microUSB, 4 x manual control buttons
Relays	8 (250V AC 10A, 30V DC 5A)
Power supply	12-32V DC
Dimensions	4DIN 70x91x56 mm

CAN-SA2

CANx 2 channel shutter actuator

This device is designed for shading application. It is applicable for controlling shutters, curtains, blinds or other electrical motors. The device has 4 push-button inputs.

Interfaces	CAN FT, microUSB, 4 x manual control buttons
Relays	2x2 (250V AC 5A, 30V DC 5A)
Digital inputs	4
Power supply	12-32V DC
Dimensions	4DIN 70x100x56 mm

CAN-DALI

CANx DALI gateway

This device is applicable in lighting applications where DALI lamp drivers are installed.

Interfaces	CAN FT, microUSB
DALI output	1 (64 is maximum count of ballasts supported)
Power supply	12-32V DC
Power supply for DALI	16-18V DC
Dimensions	2DIN 36x91x56 mm

CAN-DALI-LoRa

CANx / LoRa DALI gateway

This device is applicable in lighting applications where DALI lamp drivers are installed, especially for renovation projects to control DALI over wireless. It can be used with wired or wireless media, gateway between wireless-wired and wireless repeater.

Interfaces	CAN FT, microUSB
DALI output	1 (64 is maximum count of ballasts supported)
LoRa power	1.6-50 mW
LoRa frequency	433-434,750 MHz
Power supply	12-32V DC
Power supply for DALI	16-18V DC
Dimensions	3DIN 52x100x68 mm

CAN-CANL

CANx Repeater

This device is designed to extend CANx line for 32 devices.

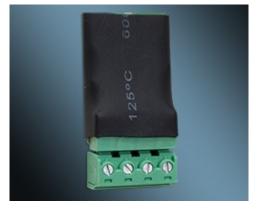| Interfaces	2 x CAN FT (galvanically isolated), microUSB
Power supply	12-32V DC
Dimensions	2DIN 15x90x56 mm

CAN-CANLF

CANx In-line repeater

This device is designed to extend CANx line for 32 devices. The device is designed for flush-mounting.

Interfaces	2 x CAN FT
Power supply	12-32V DC
Dimensions	Flush 24x58x15 mm

CAN-CANT

CANx line termination device

Line termination device is required for longer lines with a small number of devices

Interfaces	1 x CAN FT, 1 x DIP switch
Power supply	12-32V DC
Dimensions	Flush 12x43x23 mm

LM5p2-KC

LogicMachine5 Power KNX CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for KNX TP1 and CAN FT buses. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, KNX TP1, 10BaseT/100BaseTX, RS485, RS485/RS232, USB2.0
Power supply	12-32V DC or Passive PoE
Dimensions	4DIN 71x90x61 mm

LM5CLp2

LogicMachine5 Lite Power CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, 10BaseT/100BaseTX, RS485, RS485/RS232, USB2.0
Power supply	12-32V DC or Passive PoE
Dimensions	3DIN 52x90x51 mm

LM5Cp2-DW1

LogicMachine5 Power CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus, DALI, 1-wire and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, 10BaseT/100BaseTX, RS485, RS485/RS232, USB2.0, 2xDALI master, 2x1-wire
Power supply	12-32V DC or Passive PoE
Dimensions	4DIN 71x90x61 mm

LM5Cp2-DR

LogicMachine5 Power CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus, DALI and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, KNX TP1, 10BaseT/100BaseTX, 2xRS485, RS485/RS232, USB2.0, 2xDALI master
Power supply	12-32V DC or Passive PoE
Dimensions	4DIN 71x90x61 mm

LM5Cp2-GSM

LogicMachine5 Reactor IO V2 Power CANx

This device is all-in-one multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus, and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, 10BaseT/100BaseTX, RS485, RS485/RS232, USB2.0, 1-Wire, 16 x programmable I/O, 2 x AO
Power supply	12-32V DC or Passive PoE
Dimensions	6DIN 61x90x108 mm

LM5Cp2-RD

LogicMachine5 Reactor Dimmer Power CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus, DALI, 1-wire and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, 10BaseT/100BaseTX, RS485, RS485/RS232, USB2.0, 2xDALI master, 8 x programmable I/O, 3 x AO, 1-Wire
Power supply	12-32V DC or Passive PoE
Dimensions	6DIN 61x90x108 mm

LM5Cp2-GSM

LogicMachine5 Reactor GSM CANx

This device is multi-purpose embedded platform designed to use as cross-standard gateway, logic engine, visualization platform, voice controller, IP Router for CAN FT bus. It also allows easy cloud/web service integration. It supports additionally BacNet, Modbus, 3G/LTE, 1-wire and many more. The device has its own app store including apps for CANx device commissioning and monitoring.

Interfaces	CAN FT, 10BaseT/100BaseTX, 2xRS485, RS485/RS232, USB2.0, GSM modem with antenna, microSIM connector, 16 x IO, 1 x AI, 3 x current clamp inputs
Power supply	12-32V DC or Passive PoE
Dimensions	6DIN 61x90x108 mm