

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 .



Highlights

- 6 x 16A high inrush current relays
- 6 x manual operating buttons
- 1 x CAN FT
- 1 x LoRa 433 Mhz transceiver with antenna (adjustable bandwidth / distance)
- Can be used with wired or wireless media, gateway between wireless-wired
- CANx configurator is freely available from LM app store

LoRa specification	
Power on transmitter	1.6-50 mW (software adjustable)
Frequency range	433-434,750 MHz
Channel bandwidth	125 / 250 / 500 kHz
Carrier frequency step	125 kHz
Spreading factor	7-12

Technical data	
Power supply	12-32V DC
Power consumption	200 mW per each relay
DC overvoltage protection:	50 V
Wrong wiring polarity protection	Yes
Interfaces and operating elements	
Relays	6
Relay contact rating	Resistive 16A / 250VAC , Incandescent lamp 3000W / 230VAC, Inrush current 165A / 20ms, LED 492A / 1.5ms
USB	1 microUSB for upgrade firmware flashing
CAN FT	1
LED	1 – CPU load, 1 - Error, 2 – RX/TX LoRa, 6 - Relay status
Relay manual operating buttons	6
Programming/reset button	1
Clamps and enclosure	
CAN FT Terminal	0.8mm2
Relays	5 mm2
Power supply	5 mm2
Color	Gray
Dimensions	61(W)x91(H)x108(L) mm
Protection	IP20 according to EN 60529
Usage temperature	-5C ... +55C
Storage temperature	-20C ... +70C
Net weight	160 g
Gross weight	170 g
Standards and norms compliance	
CE conformity	EMBS-CE-190223/15 Electromagnetic compatibility
EMC	EN61000-6-1, EN61000-6-3

