

EAN code
LBC3-02M: 8595188132688

- LBC3-02M is an analog two-channel actuator designed to control dimmable ballasts of fluorescent lamps or other light sources controlled by signal 0(1) - 10 V DC.
- In the iDM3, it is possible to set the output mode 0(1) - 10 V DC.
- During analog voltage output (0)1-10 V DC control, relay contact automatically switches power supply to light ballast (0% = relay OFF, 1-100% = relay ON)
- LBC3-02M contains 2 independent analog voltage outputs (0)1-10 V DC and their dependents 2 relays with potential-free contact.
- Maximum contacts load 16 A/4000 VA/AC1.
- Each of two channels is separately controllable and addressable.
- LEDs on front panel signals status of each channel.
- With control buttons on the front panel, it is possible to change the status of each channel separately.
- LBC3-02M in 3-MODULE version is designed for mounting into a switchboard/ DIN rail EN60715.

Technical parameters	LBC3-02M
Inputs	
Number of control buttons:	2 buttons on the front panel
Outputs	
Output:	2x 0(1)-10 V/10 mA 2x changeover 16 A/AC1
Switching voltage:	250 V AC1, 24 V DC
Switching capacity:	4000 VA/AC1, 384 W/DC
Peak current:	30 A; max. 4 s. at duty cycle 10%
Insulation voltage between individual relay outputs RE1aRE2 and internal circuits:	4 kV reinforced Insulation (Cat. II surges by EN 60664-1)
Isolates. voltage open relay contact:	1 kV
Minimal switched current:	100 mA
Frequency of switching/no load:	1200 min^{-1}
Frequency of switching/rat. load:	6 min^{-1}
Mechanical life:	3x 10^7
Electrical life AC1:	0.7x 10^5
Output indication:	2x yellow LED
Communication	
Installation BUS:	BUS
Power supply	
Supply voltage / tolerance:	27 V DC, -20 / +10 %
Rated current:	60 mA (at 27V DC), from BUS
Status indication unit:	green LED RUN
Connection	
Terminal:	max. 2.5 mm^2/1.5 mm^2 with sleeve
Operating conditions	
Air humidity:	max. 80 %
Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 device, IP40 mounting in the switchboard
Overvoltage category:	II.
Pollution degree:	2
Operating position:	any
Installation:	switchboard on DIN rail EN 60715
Design:	3-MODUL
Dimensions and weight	
Dimensions:	90 x 52 x 65 mm
Weight:	129 g

Connection

