

EAN code LBC3-02M: 8595188132688

InputsNumber of control buttons:2 buttons on the front panelOutputs2 x 0(1)-10 V/10 mAOutput:2 x 0(1)-10 V/10 mASwitching voltage:250 V AC1, 24 V DCSwitching capacity:4000 VA/AC1, 384 W/DCPeak current:30 A; max. 4 s. at duty cycle 10%Insulation voltage between4 kV reinforced InsulationInsulation voltage between(Cat. II surges by EN 60664-1)Isolates. voltage open1 kVFrequency of switching/nat. lead:6 min -1Frequency of switching/nat. lead:6 min -1Mechanical life:3 x 10°Electrical life AC1:0.7x 10°Output indication:2 x yellow LEDCommunication2 x yellow LEDPower supply5Supply voltage / tolerance:27 V DC, -20 / +10 %Rated current:60 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnection-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:2 Not A0 °CProtection degree:1 P20 device, IP40 mounting in the switchboardOperating position:anyInstallationswitchboard on DIN rail EN 60715Design:3 -MODULDimensions:90 x 52 x 65 mmWeight:129 g	Technical parameter	rs LBC3-02M
OutputsOutput:2x 0(1)-10 V/10 mA2x changeover 16 A/AC1Switching voltage:250 V AC1, 24 V DCSwitching capacity:4000 VA/AC1, 384 W/DCPeak current:30 A; max. 4 s. at duty cycle 10%Insulation voltage betweenindividual relay outputs4 kV reinforced InsulationRE1aRE2 and internal circuits:(Cat. II surges by EN 60664-1)Isolates. voltage open1 kVMinimal switched current:100 mAFrequency of switching/no load:1200 min <sup>-1</sup> Frequency of switching/no load:6 min <sup>-1</sup> Mechanical life:3 x 107Electrical life AC1:0.7x 10 <sup>5</sup> Output indication:2x yellow LEDCommunication100 mAInstallation BUS:BUSPower supply5Supply voltage / tolerance:27 V DC, -20 / +10 %Rated current:60 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnection-20 to +55 °CYorting temperature:-20 to +70 °CProtection degree:1P20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Qperating position:anyInstallationswitchboard on DIN rail EN 60715Design:3-MODULDimensions:90 x 52 x 65 mm	Inputs	
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relay contact:         1 kV           Minimal switched current:         100 mA           Frequency of switching/no load:         1200 min <sup>-1</sup> Frequency of switching/rat. load:         6 min <sup>-1</sup> Mechanical life:         3x 10 <sup>7</sup> Electrical life AC1:         0.7x 10 <sup>5</sup> Output indication:         2x yellow LED           Communication         100 mA (at 27V DC, -20 / +10 %           Rated current:         60 mA (at 27V DC), from BUS           Status indication unit:         green LED RUN           Connection         100 mA (at 27V DC), from BUS           Terminal:         max. 2.5 mm²/1.5 mm² with sleeve           Operating conditions         102 device, IP40 mounting in the switchboard           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	RE1aRE2 and internal circuits:	(Cat. II surges by EN 60664-1)
Minimal switched current:100 mAFrequency of switching/no load:1200 min <sup>-1</sup> Frequency of switching/rat.load:6 min <sup>-1</sup> Mechanical life:3 x 107Electrical life AC1:0.7x 105Output indication:2x yellow LEDCommunication100 mAInstallation BUS:BUSPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Rated current:60 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:I.Pollution degree:2Operating position:anyInstallation:switchboard on DIN rail EN 60715Design:3-MODULDimensions:90 x 52 x 65 mm	lsolates. voltage open	
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Rectantine and the second se	Frequency of switching/rat. load:	6 min <sup>-1</sup>
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Terminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operating position:anyInstallation:switchboard on DIN rail EN 60715Design:3-MODULDimensions and weight90 x 52 x 65 mm	Status indication unit:	green LED RUN
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       90 x 52 x 65 mm	Connection	
Air humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operating position:anyInstallation:switchboard on DIN rail EN 60715Design:3-MODULDimensions and weight90 x 52 x 65 mm	Terminal:	max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve
Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operating position:anyInstallation:Switchboard on DIN rail EN 60715Design:3-MODULDimensions and weight90 x 52 x 65 mm	Operating conditions	
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     90 x 52 x 65 mm	Air humidity:	max. 80 %
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     90 x 52 x 65 mm	Operating temperature:	-20 to +55 °C
Overvoltage category:     II.       Pollution degree:     2       Operating position:     any       Installation:     switchboard on DIN rail EN 60715       Design:     3-MODUL       Dimensions and weight     90 x 52 x 65 mm	Storing temperature:	-30 to +70 °C
Pollution degree:     2       Operating position:     any       Installation:     switchboard on DIN rail EN 60715       Design:     3-MODUL       Dimensions and weight     90 x 52 x 65 mm	Protection degree:	IP20 device, IP40 mounting in the switchboard
Operating position:     any       Installation:     switchboard on DIN rail EN 60715       Design:     3-MODUL       Dimensions and weight     90 x 52 x 65 mm	Overvoltage category:	Ш.
Installation:     switchboard on DIN rail EN 60715       Design:     3-MODUL       Dimensions and weight     90 x 52 x 65 mm	Pollution degree:	2
Design: 3-MODUL Dimensions and weight Dimensions: 90 x 52 x 65 mm	Operating position:	any
Dimensions and weight       Dimensions:       90 x 52 x 65 mm	Installation:	switchboard on DIN rail EN 60715
Dimensions: 90 x 52 x 65 mm	Design:	3-MODUL
	Dimensions and weight	
Weight: 129 g	Dimensions:	90 x 52 x 65 mm
	Weight:	129 g

- 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.

## Connection

