

UP-LR-02U



General

The power relay is particularly developed for the installation into commercial switch distributor boxes. Hereby loads up to 230V/10A (see table) are switched. The two relays are equipped with a normally open contact in each case and have a common con-

nection (C). For activation you can use our UP-I/O modules. With the I/O-02U modul you can control one LR-02U, and with the I/O-04U you can control two LR-02U.

Inputs / Outputs

- 2 inputs 24V DC
- 2 relay outputs (on a common root)

Function displays

- 2 red LED signalise the switch statuses

Connections

- 3 terminals for activation
- 3 terminals for load

Design

- Encapsulated in a plastic yellow cover for installation in conventional under-plaster boxes or external devices

Technical data

Type	LR-02U
Art. Nr.	80062210
Operating voltage	24V DC
Current consumption	25mA / relay, 50 mA totally
Current loads:	
Terminals	10A
Relay	non-inductive 10A bulbs 10A fluorescent lamp uncompensated 6A fluorescent lamp compensated 4A LV halogen via transformer 10A 1-phase motor 0.55kW electronic ballasts manufacturer-specific starting current 100A <20ms !!The starting current of electronic ballasts is up to 100 times the nominal!!
Dimensions	diameter x Höhe 50x 35 mm
Weight	ca. 90g
Operating voltage	-10...+60°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing

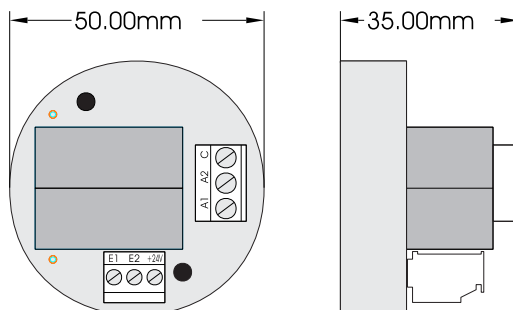
Technical data

LR-02U	Continued
Protection class	IP40
ESD immunity	Category 2 according to IEC-1000-4-2 (4 kV static)
EMC immunity	Use in typical industrial environment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE mark	yes

Terminal assignment

E1	Input 1, 0V switching
E2	Input 2, 0V switching
+24V	Common spool connection, relay
A1	Relay output 1
A2	Relay output 2
C	Common root of the relay

View



Wiring diagram

