RLI changeover relay and ERL extension

functions

These devices are used to relay ON and OFF information to the auxiliary circuits and to control low power loads.

description

common technical data
- power circuit:
  - rating (In): 10 A, cos φ = 1
  - voltage (Ue): 230 V AC
  - voltage (Ui): 250 V AC
- control circuit:
  - voltage (+/- 10%): 12, 24, 48 or 230 V AC
  - frequency: 50 … 60 Hz
  - inrush and holding power:
  - RLI: 4 VA
  - RLI + ERL: 8 VA
- electrical durability: 100,000 AC21 operating cycles (cos φ = 1)
- connection: tunnel terminals for 0.5 to 6 mm^2 cables
- compliance with standards IEC 255 and NF C 45-250
- direct control on the front face:
  - power: by pushbutton
  - coil: by selector switch (disconnection)
- position indicator: built into the pushbutton
- identification: clip-on markers on the front face

specific technical data

RLI
- the RLI relay contains:
  - 1 changeover switch (O-C)
  - 1 normally open switch (NO)

ERL
- the ERL extension (3 ERL maximum for 1 RLI) contains:
  - 1 changeover switch (O-C)
  - 1 normally open switch (NO)
- it is mounted without tools or additional wiring by means of a yellow clip
- this clip is used for mechanical assembly and electrical connection between coils

catalogue numbers

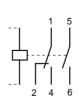

15535, 15539

type	rating (A)	coil voltage Ue (V AC)	catalogue number	width in mod. of 9 mm
RLI relay				
	10	230…240	**15535**	2
		48	**15536**	2
		24	**15537**	2
		12	**15538**	2
ERL extension				
	10	230…240	**15539**	2
		48	**15540**	2
		24	**15541**	2
		12	**15542**	2

additional information

Merlin Gerin   Updated: 09/11/99   Schneider Electric