

## Earth Leakage Relays WITHOUT BUILT-IN Toroidal Transformer

### RELAY WITH ADJUSTABLE DELAY TIME AND SENSITIVITY

- *Electronic relays with adjustable time delay and sensitivity.*
- *Suitable for direct pulse current.*
- *Immune to external disturbances.*
- To be used with CT-1 and CTD-1 toroidal transformers (See page 137).
- Modular size. DIN rail mounting.
- Sealable front cover.

### ELR-B



### MULTIRANGE RELAY

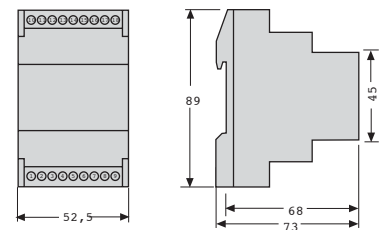
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### ELR-3C



MODELS	ELR-B		ELR-3C	
Sensitivity	0,3 A or 0,5 A		Adjustable from 0,025 A to 25 A	
Trip time delay	0,02 s or 0,5 s		Adjustable from 0,02 s to 5 s	
Aux. voltage supply 50/60 Hz	24-48 Vdc, ac	110 Vdc, ac 230-400 Vac	24-48 Vdc, ac	110 Vdc, ac 230-400 Vac
Code	<b>41012</b>	<b>41010</b>	<b>41005</b>	<b>41000</b>

### DIMENSIONS (mm)



CHARACTERISTICS	
Toroidal transformer	In combination with CT-1
Max. length between relay and transformer	20 m with cables twisted
Reset mode	Automatic, manual and remote (in manual mode disconnect the aux. supply during 1s)
Signalling LED's	2 LED's: ON + Trip
Output contacts mode	Normally de-energized
Output contacts	1 change over NO-NC
Switching power (resistive load)	5A - 250V
Maximum terminal section	2,5 mm <sup>2</sup>
Maximum consumption	3 VA
Modular size	3 modules x 17,5 mm = 52,5 mm
Frequency	50/60 Hz
Protection degree / weight	IP-20 / 0,2 kg
Storage / operation temperature	-10°C +60°C
Standards	IEC 41-1, IEC 255, VDE 0664, EN 50081-1, EN 50082-2

### WIRING DIAGRAM

