

Earth Leakage Relays WITHOUT BUILT- IN Toroidal Transformer

SUPERIMMUNIZED MULTIRANGE RELAY 22,5 mm

- Electronic relays with adjustable time delay and sensitivity.
- Suitable for direct pulse current.
- Immune to external disturbances.
- Suitable for systems with and without neutral.
- Very high level of immunity.
- 22.5 mm wide. Saving space in the distribution board.
- DIN rail mounting.
- To be used with CT-1 and CTD-1 toroidal transformers.
- Suitable for Motor Control Centers (MCC), electrical distribution boards and control panels in general.

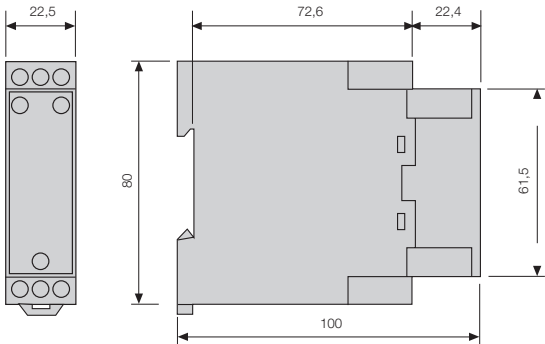
D30



MODELS	D30
Sensitivity	Adjustable from 0.03 A to 30 A
Trip time delay	Adjustable from 0.02 s to 5 s
Aux. voltage supply 50/60 Hz	24-230 Vac/dc (-20%/+10%)
Code	41009

CHARACTERISTICS	
Toroidal transformer	In combination with CT-1 and CTD-1
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	Selectable: normally de-energized (N) or energized (P)
Output contacts	1 change over NO-NC
Switching power (resistive load)	I _{th} : 5A; AC15 - 250V - 2A; DC13 - 30V - 2A
Maximum terminal section	2.5 mm ²
Maximum consumption	4.5 VA - 230 V
Modular size	22.5 mm wide
Frequency	50/60 Hz
Protection degree / weight	IP-20 / 0.2 kg
Storage / operation temperature	-10°C +60°C
Class	A
Standards	EN 50263, EN 61543 (A11), EN 60255-5, VDE 0664, 61008-1/A14, 61000-4-11

DIMENSIONS (mm)



CHARACTERISTICS	
Max. length between relay and transformer	Cable section mm ²
	0,22 mm ² 0,75 mm ² 1 mm ² 1,5 mm ²
	Max. lenght m
	15 m 55 m 75 m 110 m

WIRING DIAGRAM

