

Earth leakage relays WITHOUT BUILT- IN toroidal transformer

SUPERIMMUNIZED MULTIRANGE RELAY 22,5 mm

- **Electronic relays with adjustable delay time and sensitivity.**
- **Suitable for direct pulse current.**
- **Immune to external disturbances.**
- Very high level of immunity.
- 22,5 mm wide. Saving space in the distribution board.
- DIN rail mounting.
- To be used with CT-1 transformers.
- Suitable for Motor Control Centres (MCC) and electrical distribution boards in general.

D 30



SUPERIMMUNIZED MULTIRANGE RELAY

- **Electronic relays with adjustable delay time and sensitivity.**
- **Suitable for direct pulse current.**
- **Immune to external disturbances.**
- Very high level of immunity.
- Modular size. DIN rail mounting.
- To be used with CT-1 transformers.
- Suitable for electrical distribution boards in general.
- Sealable front cover

DM30

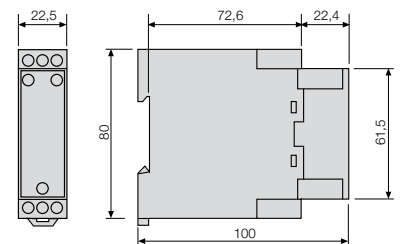


MODELS	D 30		DM30	
Sensitivity	Adjustable from 0,03 A to 30 A		Adjustable from 0,03 A to 30 A	
Trip time delay	Adjustable from 0,02 s to 5 s		Adjustable from 0,02 s to 5 s	
Aux. voltage supply 50/60 Hz	120 Vac	230 Vac	120 Vac	230 Vac
Code	41021	41020	41023	41022

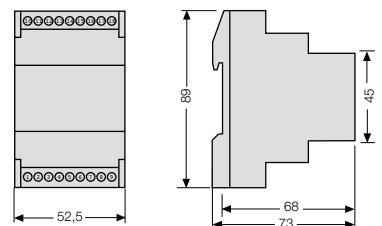
CHARACTERISTICS				
Toroidal transformer	In combination with CT-1			
Max. length between relay and transformer	20 m with cables twisted			
	Cable section mm ²			
	0,22 mm ²	0,75 mm ²	1 mm ²	1,5 mm ²
Reset mode	Automatic, manual and remote (in manual mode disconnect the aux. Supply during 1s)			
	2 LED's: ON + $\frac{1}{2}$ (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	7 VA - 230 V	2,5 VA (120 - 230 V)		
Modular size	No. 22,5 mm wide	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	EN 60947-2, EN 50263, EN 61543 (A11), EN 60255-5, VDE 0664			

DIMENSIONS (mm)

D 30



DM30



WIRING DIAGRAM (mm)

