DM30

Earth Leakage Relays WITHOUT BUILT- IN Toroidal Transformer

SUPERIMMUNIZED MULTIRANGE RELAY

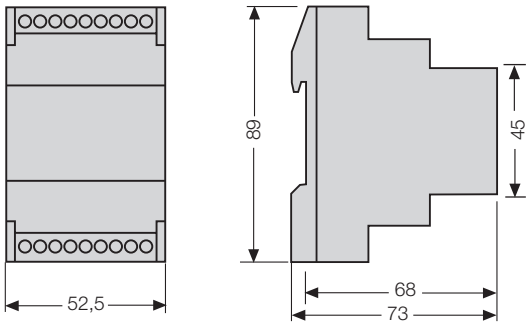
- **Electronic relays with adjustable time delay and sensitivity.**
- **Suitable for direct pulse current.**
- **Immune to external disturbances.**
- Suitable for systems with and without neutral.
- Very high level of immunity.
- Modular size. DIN rail mounting.
- To be used with CT-1 and CTD-1 toroidal transformers.
- Suitable for electrical distribution boards and control panels in general.
- Sealable front cover

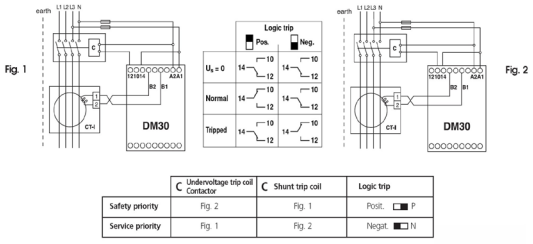
DM30

MODELS	DM30
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	**11500**

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 mm²
Maximum consumption	4.5 VA - 230 V
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
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 mm²			
	0,22 mm²	0,75 mm²	1 mm²	1,5 mm²
	Max. lenght m			
	15 m	55 m	75 m	110 m

WIRING DIAGRAM