

D30 / DM30

Earth Leakage Relays WITHOUT BUILT- IN Toroidal Transformer

D30 - 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.

DM30 - 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

D30



DM30

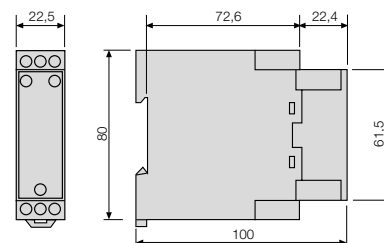


MODELS	D30		DM30
Sensitivity	Adjustable from 0.03 A to 30 A		Adjustable from 0.03 A to 30 A
Trip time delay	Adjustable from 0.02 s to 5 s		Adjustable from 0.02 s to 5 s
Aux. voltage supply 50/60 Hz	120 Vac ± 15%	230 Vac ± 15%	24-230 Vac/dc (-20%/+10%)
Code	41021	41020	11500

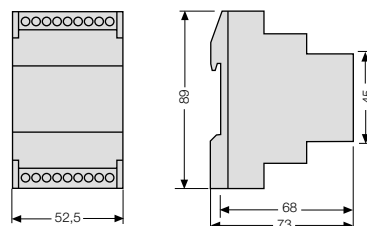
CHARACTERISTICS			
Toroidal transformer	In combination with CT-1		
Max. length between relay and transformer	Cable section mm ²		
	0,22 mm ²	0,75 mm ²	1 mm ²
Max. length between relay and transformer	Max. length m		
	15 m	55 m	75 m
Reset mode	Automatic, manual and remote (in manual mode disconnect the 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		2,5 VA (120 - 230 V)
Maximum consumption	7 VA - 230 V		3 modules x 17,5 mm = 52,5 mm
Modular size	No. 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)

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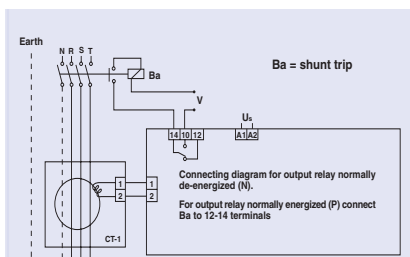


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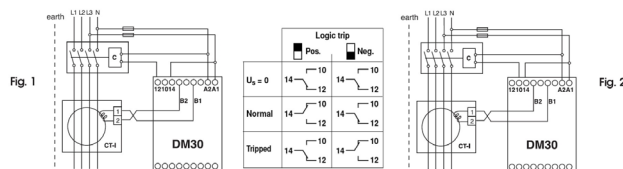


WIRING DIAGRAM

D30



DM30



	C Undervoltage trip coil Contactor	C Shunt trip coil	Logic trip
Safety priority	Fig. 2	Fig. 1	Posit. <input checked="" type="checkbox"/> P
Service priority	Fig. 1	Fig. 2	Negat. <input checked="" type="checkbox"/> N