

## SUPERIMMUNIZED MULTIRANGE RELAY WITH AUTOMATIC RECLOSING

- Electronic relays with automatic reclosing up to 3 attempts with defined (1 m) or adjustable (1 to 60 s) time.
- Adjustable time delay 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 and CTD-1 toroidal transformers (See page 145).
- Suitable for electrical distribution boards in general.
- Sealable front cover.

### DR30F



### DR30A

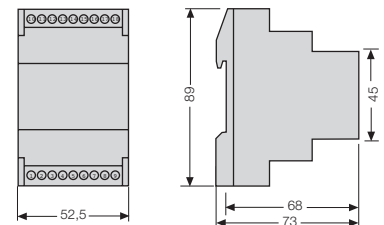


MODELS	DR30F			DR30A		
Reclosing time	60 s			Adjustable from 1 s to 60 s		
Sensitivity	Adjustable from 0,03 A to 30 A					
Trip time delay	Adjustable from 0,02 s to 5 s					
Aux. voltage supply 50/60 Hz	120 Vac	230 Vac	24 Vdc	120 Vac	230 Vac	24 Vdc
Code	<b>41026</b>	<b>41024</b>	<b>41027</b>	<b>41028</b>	<b>41019</b>	<b>41029</b>

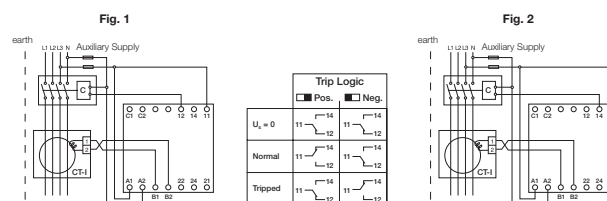
CHARACTERISTICS	
Toroidal transformer	In combination with CT-1
Max. length between relay and transformer	Cable section mm <sup>2</sup>
	0,22 mm <sup>2</sup> 0,75 mm <sup>2</sup> 1 mm <sup>2</sup> 1,5 mm <sup>2</sup>
	Max. length m
	15 m    55 m    75 m    110 m
Reset mode	Automatic, manual and remote (in manual mode disconnect the aux. Supply during 1s)
Signalling LED's	2 LED's: ON + ⚡ (trip) / 2 LED's: Numbers of reclosing / 4 LED's: % measurement
Output contacts mode	Selectable: normally de-energized (N) or energized (P)
Output contacts	2 change over NO-NC
Switching power (resistive load)	I <sub>th</sub> : 5A; AC15 - 250V - 2A; DC13 - 30V - 2A
Maximum terminal section	2,5 mm <sup>2</sup>
Maximum consumption	2,5 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
Standards	EN 50263, EN 61543 (A11), EN 60255-5, VDE 0664, 61008-1/A14, 61000-4-11

### DIMENSIONS (mm)

#### DR30



### WIRING DIAGRAM



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