ELR-3C Ground leakage protection relay (zero-sequence current detection)

Function

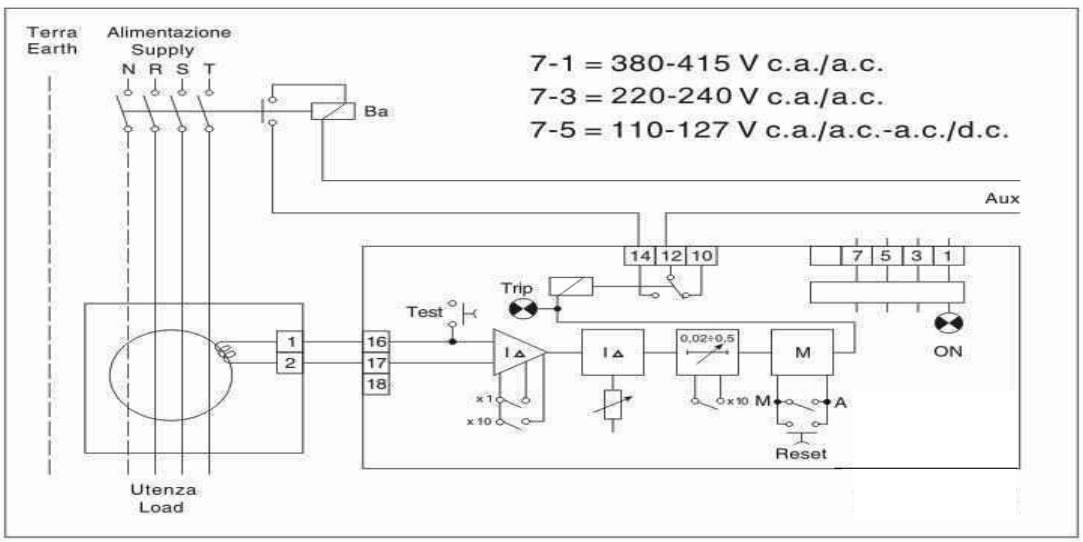
1. Modular exterior Design (3*17.5mm appearance width)
2. Intensive electronic circuit design, strong anti-jamming performance
3. Accurate grounding leakage fault protection, suitable for power system and motor grounding fault protection
4. Zero sequence current transformer detects ground fault
5. The leakage current can be set in a wide range,Min Set is 25MA and Max is 25A.
6. Action delay time set a wide range, the minimum can set 0.02 seconds, the maximum can set 5 seconds
7. The action current and the action delay can be separately adjustable
8. Manual and automatic reset can be selected by dial code switch to select
9. LED lamp indicating power input and fault state
10. TEST test key and RESET reset button
11. A product collection of multiple supply voltage inputs:380-415VAC;220-240VAC;110-127VAC/DC
12. 35mm Guide rail installation

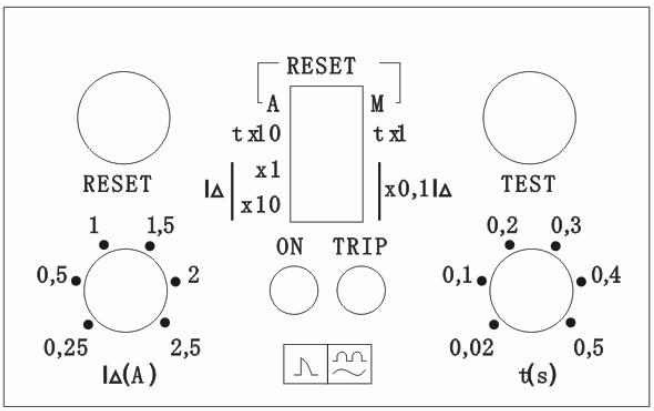
Application

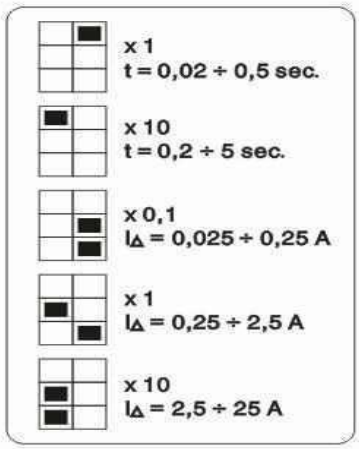
1. Distribution line grounding fault protection
2. General grounding fault protection load
3. Direct grounding protection
4. High resistance grounding fault protection grounding

1.	Current release setting potentiometer
2.	Trip time setting potentiometer
3.	Microswitch for programming In position 1 automatic reset, 0 manual reset b Multiplication constant selection Action tripping delay time, position 1 K=10 times; Position 0 K=1 times; C.D selects tripping current times constant:position is 0 K=0.1 times C at position 1D at position 0 K=1 times; C,D at position 1 K=10 times
4.	TEST Test button
5.	RESET Manual reset button
6.	Green LED power supply normal indicator light
7.	Red TRP Fault indicator for Relay tripping

Hookup







Product description

models and value	ELR - 3C
Auxiliary Voltage supply 辅助电源	24~48 Vac/dc 110 Vac/dc; 230 ~415 Vac ± 20%
Frequency 频率	50 ~60 Hz
Maximum consumption 功耗	3 VA
Current tripping ajustment range IΔN 动作电流调整范围	0.025~0,25A K=0,1 - 0.25~2.5A K=1 - 2.5~25A K=10 (25 ~250A 需定制)*
Tripping time adjustment range t 动作时间调整范围	0.02 ~ 0,5 sec. K=1 - 0.2 ~ 5 sec. K=10
Output: 1 changeover contact 继电器输出	5A 250 V
Working Temperature 工作温度	-10 + 60° C
Storing Temperature 存储温度	-20 + 80° C
Relative humidity 湿度	<90%
Standards 符合国际标准	CEI 41-1/IEC 255/VDE 0664/IEC 755/CEI 64.8/ EN 61008-1(1999-11)/E N 62020 (1999-09) / EN 61543 (1996-09) /EN61326-1(1998-04) / EN 613 26/A1 (1999-05)-IEC 60947-2 ANNEX M
Mounting 安装方式	35 mm 导轨式
Protection degree 保护等级	IP 20