KRIPAL

KLR523/623 Earth Leakage Relay





Functions

- 25 selectable sensitivity settings: 30 mA to 30 A
- 9 selectable time delays: 0 ms to 3s
- Earth leakage level indicators
- Detection of no connection to KCT
- Relay tripped indicator
- Trip starting indicator
- Protected against nuisance tripping

Features for KLR523E only*

- 50% pre-fault output contact
- Remote test and remote reset functions

Technical Data

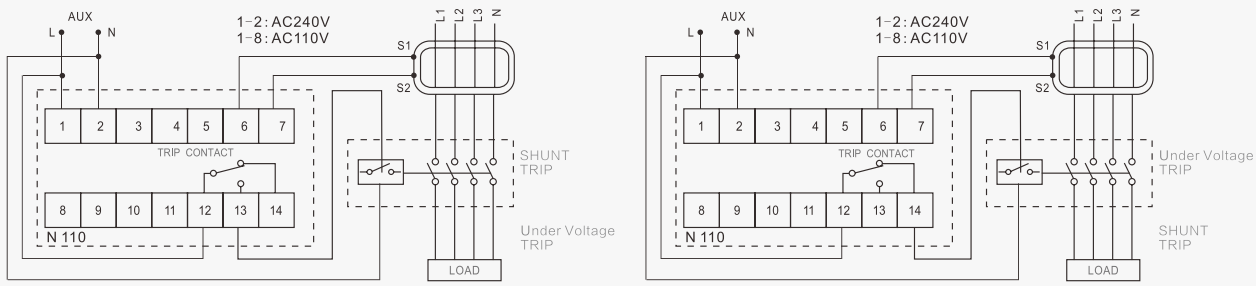
Settings	
Sensitivity adjustment	30mA,50mA,75mA,100mA,125mA,150mA,200mA,250mA,300mA,500mA,750mA, 1A, 1.25A, 1.5A, 2A, 2.5A, 3A, 5A, 7.5A, 10A, 12.5A, 15A, 20A, 25A, 30A
Accuracy	+0%～-15%
Time delay setting	50ms, 100ms，150ms，250ms，350ms，500ms，1s，3s。
Accuracy	±5%
Auxiliary supply	
Supply voltage	110V AC±10% or 240V 90-120VAC
Frequency	50 Hz or 60 Hz
VA rating	Less than 3 VA
Indicators	
Auxiliary supply	Green LED
Time delay	Red LED
Trip	Red LED
Leakage current*	5 red LED for leakage levels
Inputs	
Remote test/ reset inputs	N.O. dry contact*
Sensor	KCT
Outputs	
Contacts (Trip / 50% pre-fault*)	
Contact arrangement	Change over
Contact rating	6A, 250VAC(cos ϕ = 1)
Contact material	Silver alloy
Operating time	15 ms max.
Expected electrical life	100,000 operations at rated current
Expected mechanical life	5× 10^6 operations
Mechanical	
Mounting method	Panel mounted, DIN rail mounted, Screws mounted
Weight	0.3kg

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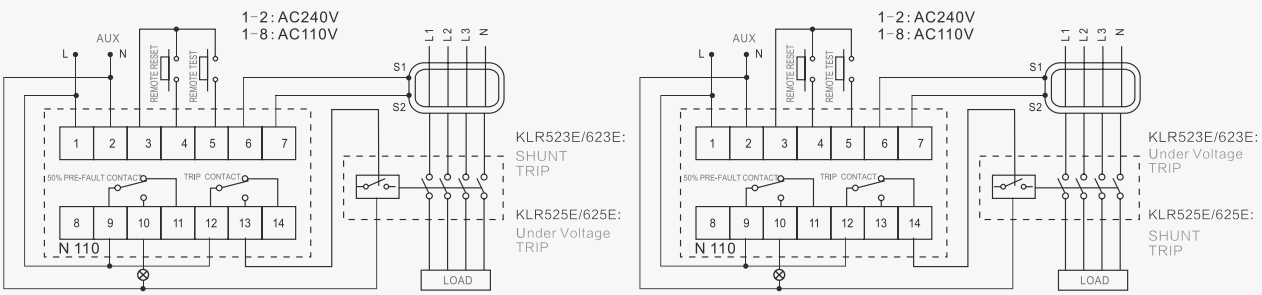
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Typical Application Diagram

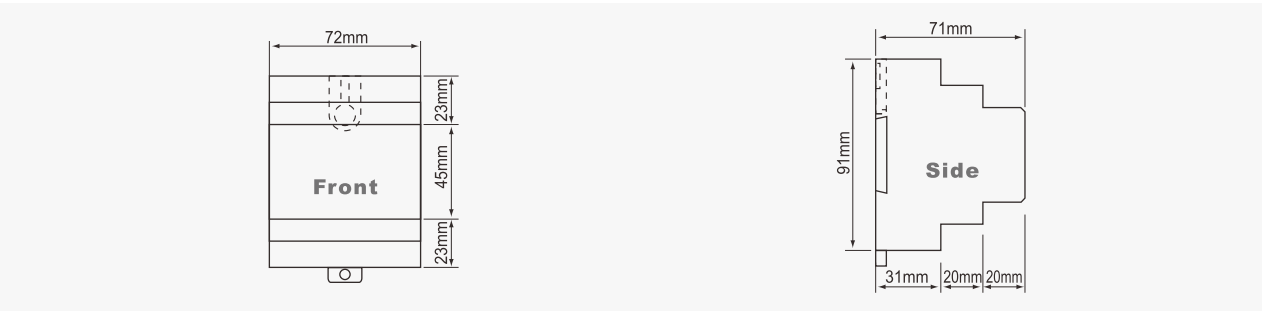
KLR 523/623



KLR523E/623E



Case Dimensions



Ordering Information

Model	Description
KLR 523/623	With 240 V/110V AC, 50/60 Hz power supply