

Three-Phase Bimetallic Earth Leakage Circuit Breaker Frame 50

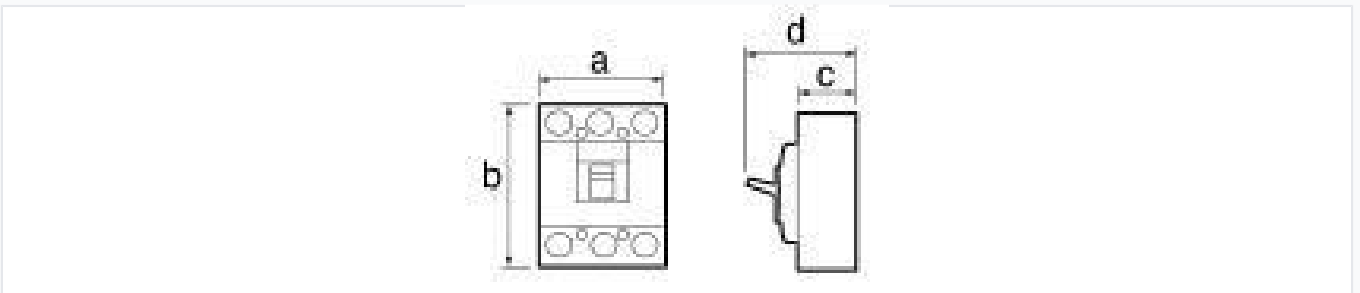
This three-phase earth leakage circuit breaker features a bimetallic tripping mechanism and comes in a Frame 50 size. It provides protection against earth leakage faults in electrical systems.



ADDITIONAL IMAGES



Product Overview



Professional Earth Leakage Protection

The TRE2-50 series is a reliable Earth Leakage Circuit Breaker (ELCB) designed for industrial and commercial 3-phase electrical systems. Engineered for high safety, it features a responsive bimetallic trip mechanism to effectively prevent electrical hazards and equipment damage. Compliant with international IEC/EN 60947-2 standards, this unit ensures stable performance and consistent fault interruption.

Electrical Ratings

Rated Current (A)

- 5
- 10
- 15
- 20
- 30
- 40
- 50

Rated Voltage (Ue)	220/415V
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Rated Insulation Voltage (Ui)	500 V
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Rated Impulse Voltage (Uimp)	6 kV
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Protection Performance



Rated Residual Current

30 mA

Residual Current

Action Time	<0.03 sec
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Operating Environment

Ambient Temperature	-5°C to +40°C
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Operating Altitude	2000m or less
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Physical Specifications



Physical Dimensions (mm)

Dimension	Value
a	50
b	98
c	60
d	80

Available Poles

2-poles, 3-poles