

Modular Protective Devices

Residual Current Circuit Breaker & Accessories

RCCB RNR1-63



Rated Current In(A)	Type Designation	Article Number	
		Type AC	Type A
2MU, Type AC & A			
25/0.03	RNR1-63-D25030	R1DAC01	R1DA01
25/0.10	RNR1-63-D25100	R1DAC02	R1DA02
25/0.30	RNR1-63-D25300	R1DAC03	R1DA03
40/0.03	RNR1-63-D40030	R1DAC04	R1DA04
40/0.10	RNR1-63-D40100	R1DAC05	R1DA05
40/0.30	RNR1-63-D40300	R1DAC06	R1DA06
63/0.03	RNR1-63-D63030	R1DAC07	R1DA07
63/0.10	RNR1-63-D63100	R1DAC08	R1DA08
63/0.30	RNR1-63-D63300	R1DAC09	R1DA09
80/0.03	RNR1-63-D80030	R1DAC10	R1DA10
80/0.10	RNR1-63-D80100	R1DAC11	R1DA11
80/0.30	RNR1-63-D80300	R1DAC12	R1DA12
4MU, Type AC & A			
25/0.03	RNR1-63-F25030	R1FAC01	R1FA01
25/0.10	RNR1-63-F25100	R1FAC02	R1FA02
25/0.30	RNR1-63-F25300	R1FAC03	R1FA03
40/0.03	RNR1-63-F40030	R1FAC04	R1FA04
40/0.10	RNR1-63-F40100	R1FAC05	R1FA05
40/0.30	RNR1-63-F40300	R1FAC06	R1FA06
63/0.03	RNR1-63-F63030	R1FAC07	R1FA07
63/0.10	RNR1-63-F63100	R1FAC08	R1FA08
63/0.30	RNR1-63-F63300	R1FAC09	R1FA09
80/0.03	RNR1-63-F80030	R1FAC10	R1FA10
80/0.10	RNR1-63-F80100	R1FAC11	R1FA11
80/0.30	RNR1-63-F80300	R1FAC12	R1FA12

Technical Data

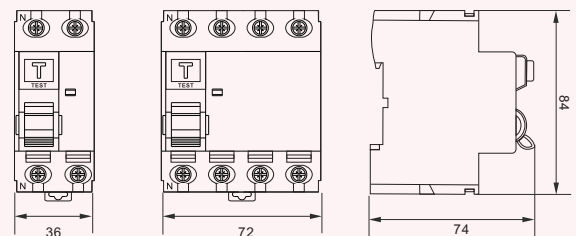
Residual Current Circuit Breaker RNR1-63

- Provides protection against earth fault/leakage current and function of isolation.
- High short-current withstand capacity
- Applicable to terminal and pin/fork type busbar connection
- Fire resistant plastic parts endures abnormal heating and strong impact
- Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation

Electrical

Design according to	IEC/EN 61008-1
Current test marks as printed onto the device	
Tripping	instantaneous
Rated voltage Un	240/400V, 50/60 Hz
Rated current	25,40,63,80A
Rated residual operating current I _n (A)	30, 100, 300mA
Sensitivity	AC and A Type
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage U _{imp}	4 kV
Rated short circuit strength Inc	6 kA
Rated breaking capacity Im or	
Voltage range of test button	
2-pole	184-250V~
4-pole	184-440V~
Endurance	
Electro-mechanical comp.	=4,000 operating cycles

Dimensions(mm)



Mechanical

Frame size	45 mm
Device height	74 mm
Device width	36 mm (2MU), 72 mm (4MU)
Mounting	quick fastening on DIN rail IEC/EN 60715 IP20
Degree of protection, built-in	
Upper and lower terminals	open mouthed/lift terminals
Terminal protection	finger and hand touch safe,
Terminal capacity	rigid conductor up to 25 mm ²
Busbar thickness	0.8- 2 mm
Terminal fastening torque	2.0Nm
Tripping temperature	-5 °C to +40 °C
Resistance to climatic conditions	according to IEC/EN 61008-1