

Modular Protective Devices

Residual Current Circuit Breaker & Accessories

RCCB RNR3-63



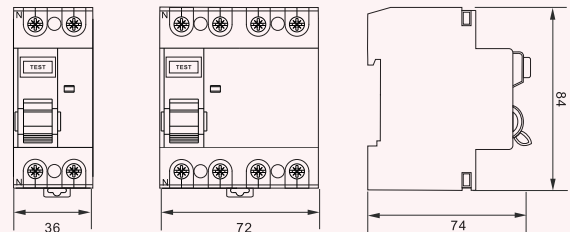
Rated Current In(A)	Type Designation	Article Number	
		Type AC	Type A
2MU, Type AC & A			
25/0.03	RNR3-63-D25030	R3DAC01	R3DA01
25/0.10	RNR3-63-D25500	R3DAC02	R3DA02
25/0.30	RNR3-63-D25300	R3DAC03	R3DA03
40/0.03	RNR3-63-D40030	R3DAC04	R3DA04
40/0.10	RNR3-63-D40100	R3DAC05	R3DA05
40/0.30	RNR3-63-D40300	R3DAC06	R3DA06
63/0.03	RNR3-63-D63030	R3DAC07	R3DA07
63/0.10	RNR3-63-D63100	R3DAC08	R3DA08
63/0.30	RNR3-63-D63300	R3DAC09	R3DA09
80/0.03	RNR3-63-D80030	R3DAC10	R3DA10
80/0.10	RNR3-63-D80100	R3DAC11	R3DA11
80/0.30	RNR3-63-D80300	R3DAC12	R3DA12
4MU, Type AC & A			
25/0.03	RNR3-63-F25030	R3FAC01	R3FA01
25/0.10	RNR3-63-F25100	R3FAC02	R3FA02
25/0.30	RNR3-63-F25300	R3FAC03	R3FA03
40/0.03	RNR3-63-F40030	R3FAC04	R3FA04
40/0.10	RNR3-63-F40100	R3FAC05	R3FA05
40/0.30	RNR3-63-F40300	R3FAC06	R3FA06
63/0.03	RNR3-63-F63030	R3FAC07	R3FA07
63/0.10	RNR3-63-F63100	R3FAC08	R3FA08
63/0.30	RNR3-63-F63300	R3FAC09	R3FA09
80/0.03	RNR3-63-F80030	R3FAC10	R3FA10
80/0.10	RNR3-63-F80100	R3FAC11	R3FA11
80/0.30	RNR3-63-F80300	R3FAC12	R3FA12

Technical Data

Residual Current Circuit Breaker RNR3-63

- 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

Dimensions(mm)



Electrical

Design according to	IEC/EN 61008-1
Current test marks as printed onto the device	
Tripping	instantaneous
Rated voltage Un	240/415V, 50/60 Hz
Rated current	25,40,63,80A
Rated residual operating current $I_{\Delta n}(A)$	30, 100, 300mA
Sensitivity	AC and A Type
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage Uimp	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

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
Degree of protection, built-in	IP20
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