

Modular Protective Devices

Residual Current Circuit Breaker & Accessories

RCCB RNR2-63



Rated current In(A)	Type Designation	Article Number	
		Type AC	Type A
2MU, Type AC & A			
25/0.03	RNR2-63-D25030	R2DAC01	R2DA01
25/0.10	RNR2-63-D25100	R2DAC02	R2DA02
25/0.30	RNR2-63-D25300	R2DAC03	R2DA03
40/0.03	RNR2-63-D40030	R2DAC04	R2DA04
40/0.10	RNR2-63-D40100	R2DAC05	R2DA05
40/0.30	RNR2-63-D40300	R2DAC06	R2DA06
63/0.03	RNR2-63-D63030	R2DAC07	R2DA07
63/0.10	RNR2-63-D63100	R2DAC08	R2DA08
63/0.30	RNR2-63-D63300	R2DAC09	R2DA09

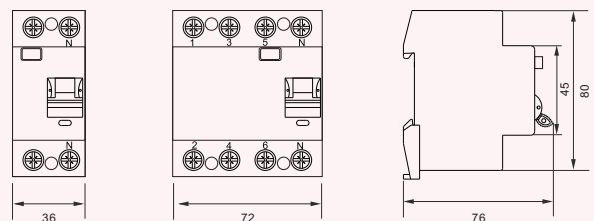
4MU, Type AC & A			
25/0.03	RNR2-63-F25030	R2FAC01	R2FA01
25/0.10	RNR2-63-F25100	R2FAC02	R2FA02
25/0.30	RNR2-63-F25300	R2FAC03	R2FA03
40/0.03	RNR2-63-F40030	R2FAC04	R2FA04
40/0.10	RNR2-63-F40100	R2FAC05	R2FA05
40/0.30	RNR2-63-F40300	R2FAC06	R2FA06
63/0.03	RNR2-63-F63030	R2FAC07	R2FA07
63/0.10	RNR2-63-F63100	R2FAC08	R2FA08
63/0.30	RNR2-63-F63300	R2FAC09	R2FA09

Technical Data

Residual Current Circuit Breaker RNR2-63

- 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	25,40,63A
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
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	76 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