



SUPER Safety Switch



Finally there is an RCBO device ideally suited for

Retrofit Solutions

(same as existing MCBs)



Science & Technology Group



FEATURES

- Earth leak protection
- Overload protection
- Short circuit protection
- Over voltage protection (280V +/-5%) & surge voltage protection
- Switched LINE and NEUTRAL for increased safety
- Will replace existing 'DIN' rail mounted MCBs or Earth leakage devices

TECHNICAL DATA - manufactured & approved according to IEC61009-1 & AS/NZS61009-1

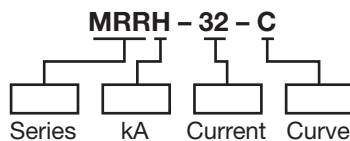
PARAMETER	RATING
Australia & New Zealand approval number	V071203
Rated current	10A - 16A - 20A - 25A - 32A
Rated operating voltage - frequency	50V ~ 255VAC - 50/60Hz
Rated residual operating current	30mA
Rated residual non-operating current	15mA
Rated short circuit breaking capacity	6000A *
Rated residual making and breaking capacity	500A
Instantaneous trip curves available	B - C - D
Residual current trip characteristic type	AC <input type="checkbox"/>
Insulation voltage	500V
Dielectric strength	2500V
Rated operating temperature	-5°C to +55°C
Calibration temperature	30°C
Case 'hot wire test'	960°C
Connection 'tunnel' terminals	≤10mm ²
Connection terminal torque (max)	1.2Nm
Tropic proofing	Grade 2 (95% @ 55°C)
Degree of protection	IP20
Weight	105g

TRIPPING CHARACTERISTICS

- Breaking time of rated residual operating current.

I _n (A)	I _{Δn} (A)	Residual Breaking Current Value			
		I _{Δn} (A)	2 x I _{Δn} (A)	5 x I _{Δn} (A)	500A
10A - 32A	30mA	< 0.03s	< 0.08s	< 0.04s	< 0.04s
Break Time					

ORDERING



eg: MRRH32C = MRR - 6kA, 32 Amp, 'C' Curve

The ONLY R.C.B.O. available @ 6kA with standard MCB dimensions

Test

Dimensions

Circuit Diagram

Must be fitted and wired as per wiring diagram. Unit is line / load specific.