

3 PHASE & NEUTRAL RCBO

The 'APS Power' 3 Phase and Neutral RCBO has been purpose-built for Australian industry and use in the 'APS DB' family of distribution boards.

THREE PHASE + NEUTRAL RCBO

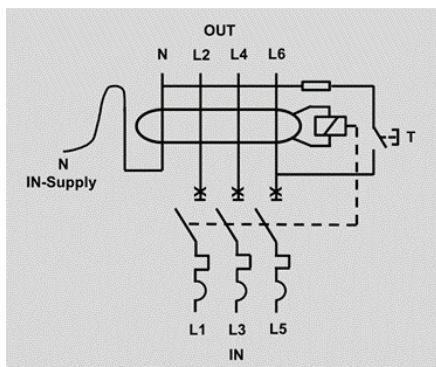
- | 10 kA interrupting capacity
- | Type A RCD tripping characteristic
- | C Curve overcurrent protection
- | 30 mA residual current sensitivity setting (fixed)
- | Fixed (Unswitched) Neutral (FN = Fixed Neutral)
- | 3P+N, 54 mm wide, long body type (same width as 3P MCB)
- | Toggle free operation
- | Supplied with 900 mm long Neutral connection lead (blue)
- | Suitable for standard chassis types ENCY or ISCY fitted with 5SY MCBs or 5SU9 304 RCBOs.
- | Padlocking accessory

ORDERING

RATED CURRENT (A)	DESCRIPTION	PART NUMBER
6 A	RCBO 3P+N C curve 06A 10kA 30mA Type A, Fixed N	5SU3 0630 FN
10 A	RCBO 3P+N C curve 10A 10kA 30mA Type A, Fixed N	5SU3 1030 FN
16 A	RCBO 3P+N C curve 16A 10kA 30mA Type A, Fixed N	5SU3 1630 FN
20 A	RCBO 3P+N C curve 20A 10kA 30mA Type A, Fixed N	5SU3 2030 FN
25 A	RCBO 3P+N C curve 25A 10kA 30mA Type A, Fixed N	5SU3 2530 FN
32 A	RCBO 3P+N C curve 32A 10kA 30mA Type A, Fixed N	5SU3 3230 FN
40 A	RCBO 3P+N C curve 40A 10kA 30mA Type A, Fixed N	5SU3 4030 FN
50 A	RCBO 3P+N C curve 50A 10kA 30mA Type A, Fixed N	5SU3 5030 FN
63 A	RCBO 3P+N C curve 63A 10kA 30mA Type A, Fixed N	5SU3 6330 FN

Note: side auxiliaries are not available for 5SU3_FN, 3P+N RCBOs

5SU3, 3P + N SCHEMATIC

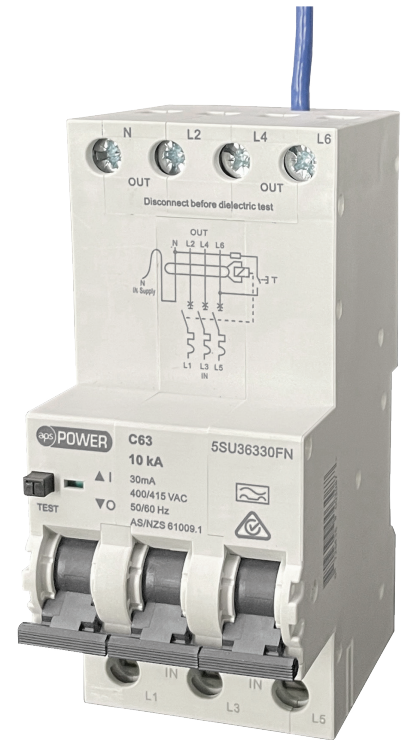
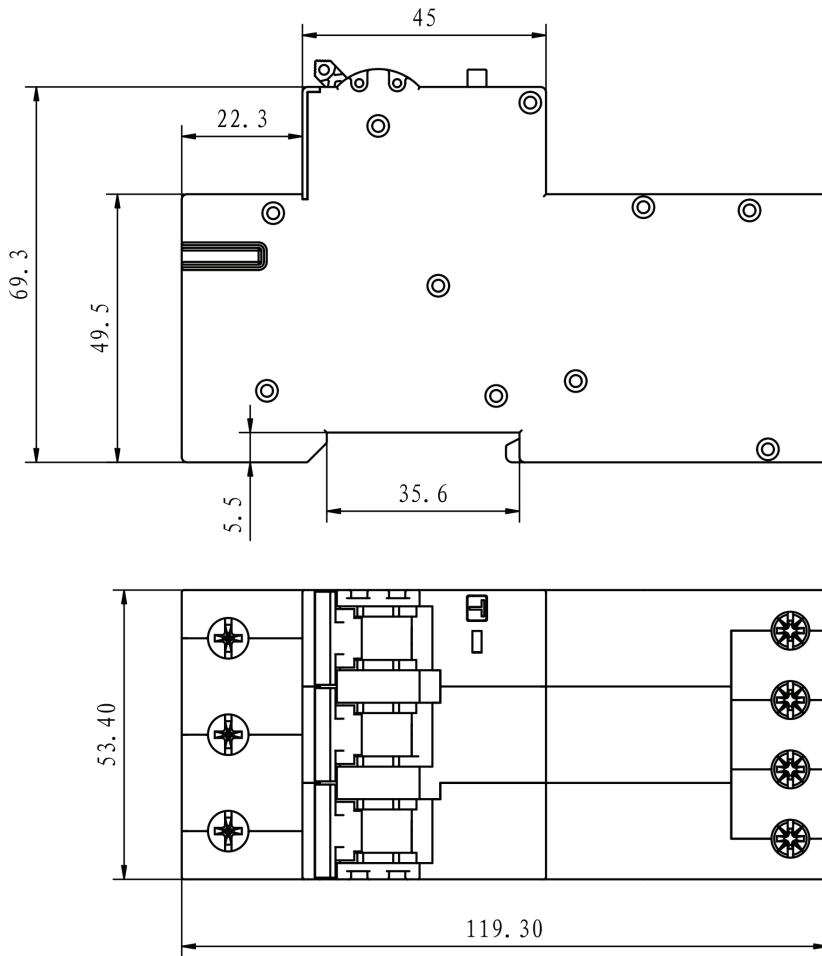


- | AS/NZS 61009.1
- | Compact 3P, 54mm width
- | 10 kA, Type A
- | 6A – 63A, C Curve
- | 30mA
- | Suits APS Distribution Boards



3 PHASE & NEUTRAL RCBO

Dimensions in millimetres (mm)



TECHNICAL DATA

DESCRIPTION	DATA
RCD trip type characteristic type	A
RCD internal circuit construction	Electronic
Overcurrent trip characteristic type	C curve standard, D curve optional
Rated Voltage (Ue)	400 / 415 VAC
Insulation voltage (Ui)	500 V
Impulse withstand voltage (1.2/50) Uimp	4 kV
Rated Frequency (Hz)	50 / 60 Hz
Rated Short circuit Current (Icn)	10 kA
Rated Conditional Residual Short-Circuit Current (IΔc)	10 kA
Rated Residual Making and Breaking Capacity (IΔm)	6 kA
Rated Leakage Current (IΔn)	30 mA
Tightening Torque	2.5 Nm
Terminal size (Top / bottom)	25 mm ² / 25 mm ² solid or stranded
Terminal screws	Philips Head
Neutral Pigtail connection lead	900 mm blue lead
IP Rating, inside/outside	IP4X / IP2X