



FUSION SERIES

Circuit Protection
RCBO 3kA, 4.5kA & 6kA

Data Specification **2023**



AUSTRALIA WIDE DELIVERY
Expedited delivery to all states in Australia



SAME DAY DISPATCH
Orders prior to 12PM will be dispatched the same day



5 YEAR WARRANTY
You can get a trusted 5 Year In House Warranty with CSG

[DESCRIPTION]

3kA RCBO

The FUSION Series range of RCD/MCB combination devices are made from the highest grade components to ensure reliability in all applications where protection against earth leakage with overload and short circuit is required of both active and neutral conductors. The 3kA rated breaking capacity of these miniature combo's makes them the perfect choice for an entry level product suitable for a wide variety of applications. Available in 10 to 32amps, C Curve. Trade 3kA MRCBO's are also available.

[FEATURES]

- Type A
- 18mm Width (1P+N)
- ON/OFF Indicator
- 35mm DIN Rail Mounting
- Lockable Toggle
- 2 Pole Switching
- Non-Directional

[TECHNICAL PARAMETERS]

- Rated Voltage: 240V AC
- Rated Frequency: 50/60Hz
- Rated Current: 3000a
- Residual Rated Current: 30mA
- Class: A
- Cable Termination: 10mm²
- Torque of Screw: 1.2Nm
- Complies with:
AS/NZS 61009.1:2015

[COMPLIANCE]

SAA Approved
ESV Compliant

[IMAGES]



MRCBO316CT*

*Please refer to page 7 for Warranty Information

FUSION

[DESCRIPTION]

4.5kA RCBO

The FUSION Series range of RCD/MCB combination devices are made from the highest grade components to ensure reliability in all applications where protection against earth leakage with overload and short circuit is required of both active and neutral conductors. The 4.5kA rated breaking capacity of these miniature combo's makes them suitable for a wide variety of applications. Available in 6 to 40amps, C Curve.

[FEATURES]

- Type A
- 18mm Width (1P+N)
- ON/OFF Indicator
- 35mm DIN Rail Mounting
- Lockable Toggle
- 2 Pole Switching
- Non-Directional

[TECHNICAL PARAMETERS]

- Rated Voltage: 240V AC
- Rated Frequency: 50/60Hz
- Rated Current: 4500a
- Residual Rated Current: 30mA
- Class: A
- Cable Termination: 10mm²
- Torque of Screw: 1.2Nm
- Complies with:
AS/NZS 61009.1:2015

[COMPLIANCE]

SAA Approved
ESV Compliant

[IMAGES]



MRCBO425CT*

*Please refer to page 7 for Warranty Information

FUSION

[DESCRIPTION]

6kA RCBO TRADE

The FUSION Series range of RCD/MCB combination devices are made from the highest grade components to ensure reliability in all applications where protection against earth leakage with overload and short circuit is required of both active and neutral conductors. The 6kA rated breaking capacity of these miniature combo's makes them suitable for a wide variety of applications. Available in 10 to 32amps, C Curve. Also available with fly leads in 6 to 40amps, C Curve.

[FEATURES]

- Type A
- 18mm Width (1P+N)
- ON/OFF Indicator
- 35mm DIN Rail Mounting
- Lockable Toggle
- 2 Pole Switching
- Non-Directional

[TECHNICAL PARAMETERS]

- Rated Voltage: 240V AC
- Rated Frequency: 50/60Hz
- Rated Current: 6000a
- Residual Rated Current: 30mA
- Class: A
- Cable Termination: 10mm²
- Torque of Screw: 1.2Nm
- Complies with:
AS/NZS 61009.1:2015

[COMPLIANCE]

SAA Approved
ESV Compliant

[IMAGES]



MRCBO610CT*

*Please refer to page 7 for Warranty Information

FUSION

[DESCRIPTION]

10kA RCBO with Tail

The FUSION Series range of RCD/MCB combination devices are made from the highest grade components to ensure reliability in all applications where protection against earth leakage with overload and short circuit is required of both active and neutral conductors. The 10kA rated breaking capacity of these miniature combo's makes them suitable for a wide variety of applications. Available in 6 to 40amps, C Curve. Also available with fly leads in 6 to 40amps, C Curve.

[FEATURES]

- Type A
- 18mm Width (1P+N)
- ON/OFF Indicator
- 35mm DIN Rail Mounting
- Lockable Toggle
- 2 Pole Switching
- Directional
- Neutral and Earth Flying Leads

[TECHNICAL PARAMETERS]

- Rated Voltage: 240V AC
- Rated Frequency: 50/60Hz
- Rated Current: 10000a
- Residual Rated Current: 30mA
- Class: A
- Cable Termination: 25mm²
- Torque of Screw: 2.5Nm
- Complies with:
AS/NZS 61009.1:2015

[COMPLIANCE]

EESS Conformity Certification
ESV Compliant

[IMAGES]



MRCBOT66C

NOTE: This model is directional

FUSION

[SPECIFICATIONS]

Product Code	ImA (A)	Rated Voltage (V)	Rated Current (A)	In (mA)	Ino (mA)	Breaking Times (S)				Directional	Earth Fly Leads
						In	2In	0.25A	500A		
MRCBO310C	3000	240V	10A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO316C	3000	240V	16A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO320C	3000	240V	20A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO325C	3000	240V	25A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO310CT	3000	240V	10A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO316CT	3000	240V	16A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO320CT	3000	240V	20A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO325CT	3000	240V	25A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO332CT	3000	240V	32A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO46CT	4500	240V	6A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO410CT	4500	240V	10A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO416CT	4500	240V	16A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO420CT	4500	240V	20A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO425CT	4500	240V	25A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO432CT	4500	240V	32A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO440CT	4500	240V	40A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO610CT	6000	240V	10A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO616CT	6000	240V	16A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO620CT	6000	240V	20A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO625CT	6000	240V	25A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBO632CT	6000	240V	32A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	No	-
MRCBOT66C	10000	240V	6A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	2.5mm ²
MRCBOT610C	10000	240V	10A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	2.5mm ²
MRCBOT616C	10000	240V	16A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	2.5mm ²
MRCBOT620C	10000	240V	20A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	2.5mm ²
MRCBOT625C	10000	240V	25A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	2.5mm ²
MRCBOT632C	10000	240V	32A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	4mm ²
MRCBOT640C	10000	240V	40A	30,100	15,50	≤ 0.1	≤ 0.05	≤ 0.04	≤ 0.04	Yes	4mm ²

- Ambient Air Temperature: -5°C ~ +40°C, not exceeding 35°C average in 24 hours.
- Relative humidity in the installation place cannot exceed 50% when the air reaches the highest temperature +40°C, the average minimum temperature when it is the wettest cannot exceed 25°C. Relative humidity not exceeding 90%.
- Product should be tested monthly.

[WARRANTY]

Connected Switchgear FUSION series RCD/MCB Trade combination devices come with a 6 Year Replacement Warranty.

* See our website for full terms and conditions www.connectedswitchgear.com.au

FUSION