TRADER®
100 Years of Gerard Electrical Tradition

WOLVERINE®

WORCBO6210
WORCBO6216
WORCBO6220
WORCBO6225
WORCBO6232
WORCBO6240
WORCBO6263

WOLVERINE RCBO 2 Pole SERIES
TYPE A RCBO 6kA

Overview:

Wolverine Din Rail mounted 2 Pole RCBOs (WORCBO series) offer fast and flexible installation for safety of personal and equipment protection applications in domestic and small commercial environments as well as circuit protection up to 6kA. Being fully certified in accordance with standard AS/NZS 61009-1 and IEC 61009-1 (Residual current circuit breakers for household and similar purposes). Providing protection against short circuit, overcurrent situations and earth faults that may occur in equipment as well as reduce the effects of electric shock and save lives by cutting off supply if they have measured an imbalance between the live and neutral cables above the sensitivity level where current flowing in the live and neutral cables becomes imbalanced from current flowing to earth.

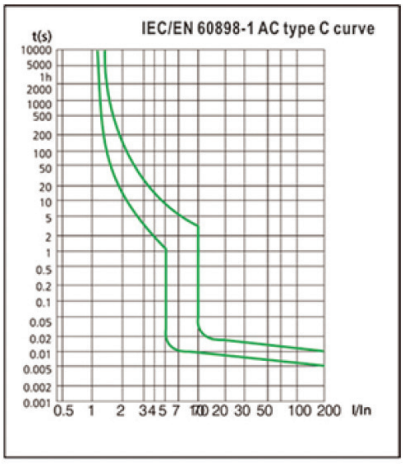
They provide fast and flexible installation with easy-to-use terminals, din assembly and tongue style busbar suitability. The Wolverine 2 Pole RCBO's are available in C curve tripping characteristic and ideal for applications for protection of resistive and inductive loads with low inrush current is suitable for protecting distribution lines, lighting lines and motor circuits with high connecting current, equipment in office and residential buildings. Available in single module with non-directional orientation input (either input Line/Neutral from top terminals or from the bottom) for easy flexible installations.

The Wolverine RCBOs are available in type A sensing characteristic only and ideal for applications for protection of general everyday use and available in 30mA operating current. Type A RCBO's are sensitive to both sinusoidal currents and "unidirectional pulsed" currents, which may be present in modern electrical systems with electronic devices for rectifying the current or similar equipment.

They are ideal for protection in applications for electronic components, inverters, class 1 IT & multimedia equipment, power supplies for class 2 equipment, lighting controls, induction hobs and washing machines.

Features:

- Earth leakage protection
- Overload and short circuit protection
- Non-Line / Load sensitive allows the electricians to either "input from the top and output from the bottom" or "input from the bottom and output from the top" without issue and this provides greater versatility and ease of installation
- Compact SLIM module design, allows for more RCDs/MCBs to be installed in the one enclosure
- True Double Pole Disconnection in a Single Module RCBO
- Double pole switching for complete isolation of faulty circuits
- Neutral pole switching significantly reduces the installation andInsulated openings for easy busbar installations
- Compatible with multiple types of screwdrivers with combination head screws
- Meets ESV Additional Testing & verification requirements for RCBOs
- Complies with AS/NZS 61009-1



Standard Number:
AS/NZS 61009-1

Certification Number:
GMA-522585-EA

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100% AUSTRALIAN TRADER OWNED & OPERATED

10 Yr Warranty TRADER

Data Specification Sheet
August 2025

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Parameter denomination				Value
Number of poles				1P+N
Rated operating voltage Ue, V				230
Rated mains frequency, Hz				50
Rated insulation voltage, Ui, V				230
Rated Current in A				10; 16; 20; 25; 32; 40; 63
Rated impulse withstand voltage Uimp, V				4
Rated residual operating current IΔn, A				0,5· IΔn
Minimum value of rated residual short-circuit making and braking capacity IΔm, A				2000
Rated maximum switching capacity Icn, A				6000
Over-current protection				Yes (in phase poles only)
Over-voltage protection	operating voltage, V			265±10
	operating time, ms			150÷350
Type of operating characteristic according to operating conditions in the presence of a DC component				A
Over-current tripping characteristic				C
Time-current operating characteristic at calibration reference temperature plus 30°C	Tripping time ranges at the specified currents			1,13 In: tcp/mean≥ 1 hour - without tripping; 1,45 In: tcp/mean 1 hour - tripping: 2,55 In: 1c/s<tcp/mean <60c/s (at IN 32 ≤ A) - tripping 1c/s,tcp/mean <120c/s (at In .32 A) - tripping
	Tripping current ranges depending on the type of protective characteristic	C	5In	tcp < 0,1 c/s - without tripping
		C	10In	tcp < 0,1 c/s - tripping
Cross-sections of conductors to be connected, mm²				1÷25
Material of conductors to be connected				Coper, Aluminum
Maximum withstanding tightening torque of the output screw when using a screwdriver, Nxm*				3
Recommended tightening torque of output screw when using a screwdriver, NxM*				2
Machanical wear resistance, On-Off cycles, minimum				4000
Electrical wear resistance, On-Off cycles, minimum				4000
Sinusoidal vibration	Frequency range, Hz			
	maximum acceleration amplitude, m·s-2 (g)			5 (0,5)
Rated Duty				Continuous

Catalogue Number	Description
WORCBO6210	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 10A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6216	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 16A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6220	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 20A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6225	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 25A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6232	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 32A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6240	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 40A 230 240V ac 30mA Type A 2 Module Wide
WORCBO6263	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 63A 230 240V ac 30mA Type A 2 Module Wide

The product is listed on the Energy Safe Victoria website for approved RCBO usage in Victoria.

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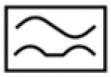
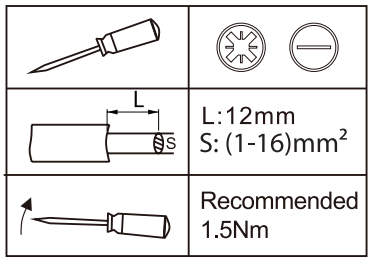
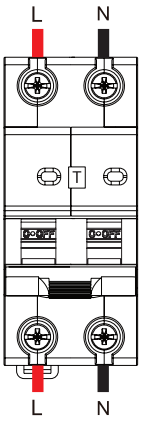
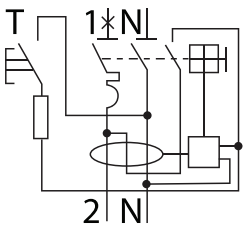


Installation Instruction

This product MUST be installed by a licensed electrician.
Line and Load can be top or bottom.
To avoid damage to RCD disconnect before insulation testing Connect the Neutral cable before the Line active cable.



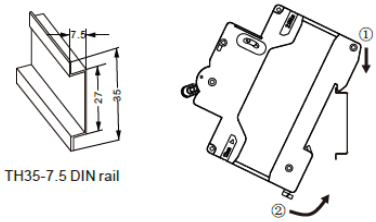




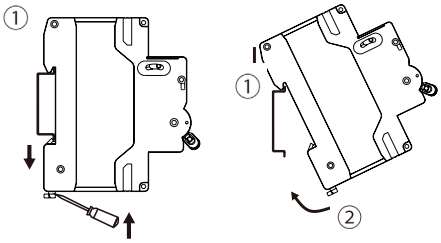
Applications:

- Used in domestic installations, as well commercial electrical distribution systems
- Protection of circuits against short-circuit currents
- Protection of circuits against overload currents

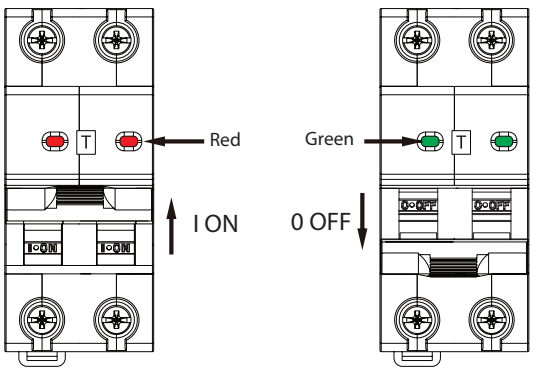
Mounting



Dismounting



Status Indication



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