

WORCD6220
WORCD6240
WORCD6263
WORCD6420
WORCD6440
WORCD6463

Wolverine Type A RCD Series



Overview:

Wolverine Din Rail mounted RCDs (WORCD series) offer fast and flexible installation for safety of personal and equipment protection applications in domestic and small commercial environments. Being fully certified in accordance with standard AS/NZS and IEC 61008-1 (Residual current circuit breakers for household and similar purposes). Providing protection against earth faults that may occur in equipment and 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 feature easy-to-use terminals, din assembly and U-style busbar suitability. The Wolverine RCDs are available in type A sensing characteristic and ideal for applications for protection of general everyday use and available in 30mA operating current. Type A RCDs 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.

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Catalogue Number	Description
WORCD6220	RCD Residual Current Device 6kA 2 Pole 20 Amp 230V 240V ac 30mA Type A 2 Module
WORCD6240	RCD Residual Current Device 6kA 2 Pole 40 Amp 230 240V 30mA Type A 2 Module
WORCD6263	RCD Residual Current Device 6kA 2 Pole 63 Amp 230 240V 30mA Type A 2 Module
WORCD6420	RCD Residual Current Device 6kA 4 Pole 20 Amp 400V 415V ac 30mA Type A 4 Module
WORCD6440	RCD Residual Current Device 6kA 4 Pole 40 Amp 400 415V 30mA Type A 4 Module
WORCD6463	RCD Residual Current Device 6kA 4 Pole 63 Amp 400 415V 30mA Type A 4 Module

Standard Number:

AS/NZS_61008.1

Certification Number:

GMA-515235-EA

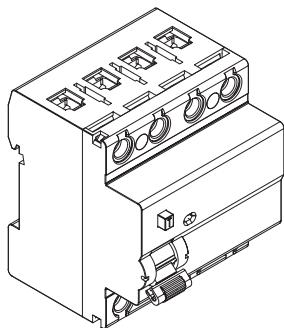
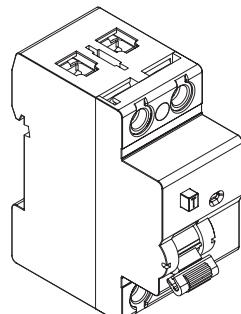
GSM Electrical (Australia) Pty Ltd

Level 2, 142-144 Fullarton Road, Rose Park SA 5067

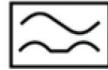
P: 1300 301 838 F: 1300 301 778 E: service@gmse.com.au

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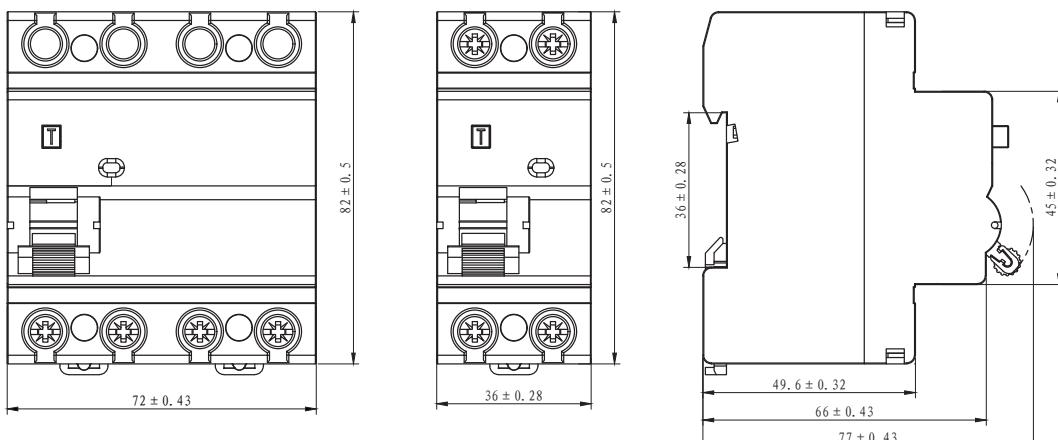


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Electrical Features	Type	Electro-magnetic
	Current Rating	20A, 40A, 63A
	Rated Voltage	230/240V,400/415V
	Pole Number	1P+N,3P+N
	Type (wave form of the earth leakage)	Type A
	Breaking Capacity	6kA
	Rated Frequency	50/60Hz
	Rated Sensitivity I_n	30mA only available
	Rated Impulse Withstand Voltage U_{imp}	4000V
	Rated making and breaking capacity	400A,630A
	Terminal Connection Height	19mm
	Pollution Degree	2
Mechanical Features	Standard	AS/NZS 61008.1
	Approval certificate number	GMA-515235-EA
	Protection Degree	IP20
	Electro-mechanical endurance	4,000 cycles
Installation	Contact Position Indicator	Yes
	Ambient Temperature	-25~+40
	Terminal Connection Type	Cable/U-type busbar/Pin-type busbar
	Terminal Size Top/Bottom For Cable	25mm ²
	Maximum Tightening Torque	3.5 Nm
	Recommended tightening torque for terminals	1.5 Nm
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
Connection	Connection	Terminal Screw terminal, Pillar terminal with clamp
	Application	Residential and Light Commercial


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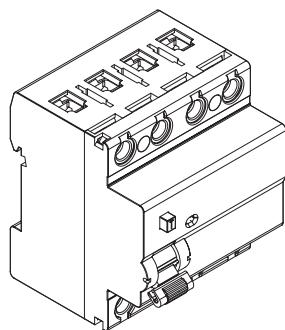
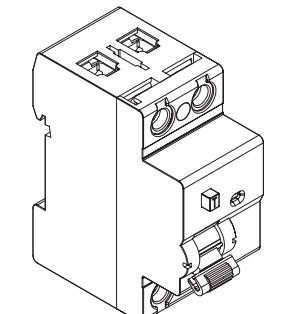
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Installation Instruction

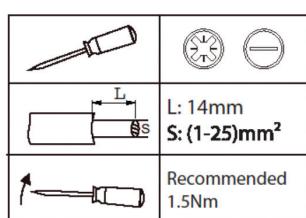
This product MUST be installed by a licensed electrician.

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.

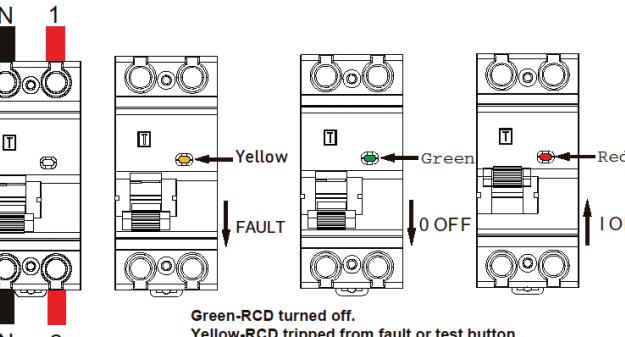
- Used in domestic installations, as well commercial electrical distribution systems.
- Protection of circuits against short-circuit currents.
- Protection of circuits against overload currents.

Wiring

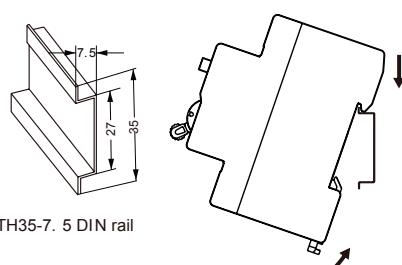


Status Indication

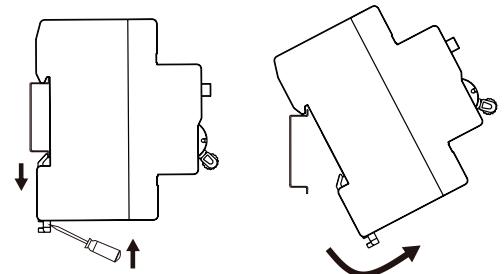
Status Indication



Mounting



Dismounting



WARNING: If RCD trips it maybe caused by either, overload, short circuit or earth leakage. The installation should be checked before resetting RCD.

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