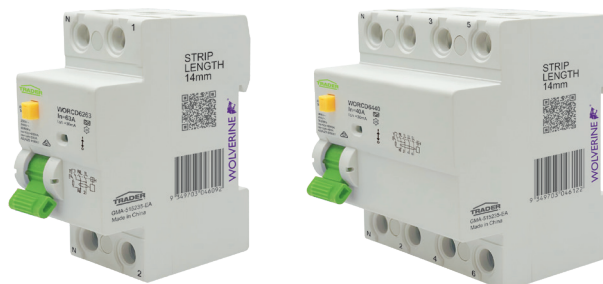


**WORCD6220**  
**WORCD6240**  
**WORCD6263**  
**WORCD6420**  
**WORCD6440**  
**WORCD6463**

## 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

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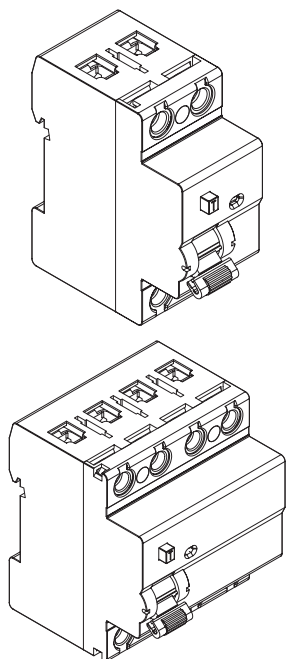
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**WORCD6463**

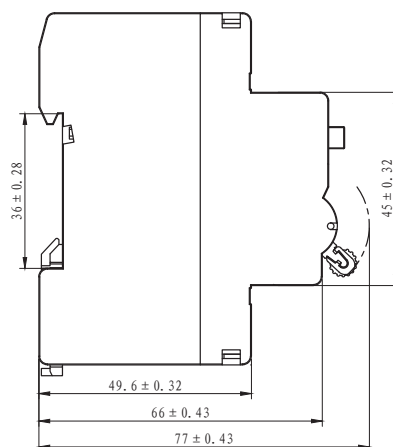
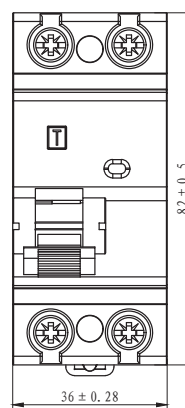
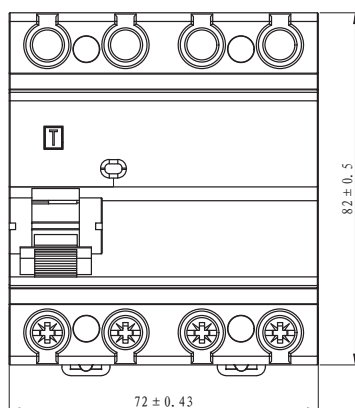


## Wolverine Type A RCD Series



|                            |                                                  |                                                          |
|----------------------------|--------------------------------------------------|----------------------------------------------------------|
| <b>Electrical Features</b> | 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 <sub>n</sub>                 | 30mA only available                                      |
|                            | Rated Impulse Withstand Voltage U <sub>imp</sub> | 4000V                                                    |
|                            | Rated making and breaking capacity               | 400A, 630A                                               |
|                            | Terminal Connection Height                       | 19mm                                                     |
|                            | Pollution Degree                                 | 2                                                        |
|                            | Standard                                         | AS/NZS 61008.1                                           |
|                            | Approval certificate number                      | GMA-515235-EA                                            |
| <b>Mechanical Features</b> | Protection Degree                                | IP20                                                     |
|                            | Electro-mechanical endurance                     | 4,000 cycles                                             |
|                            | Contact Position Indicator                       | Yes                                                      |
|                            | Ambient Temperature                              | -25~+40                                                  |
| <b>Installation</b>        | Terminal Connection Type                         | Cable/U-type busbar/Pin-type busbar                      |
|                            | Terminal Size Top/Bottom For Cable               | 25mm <sup>2</sup>                                        |
|                            | 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                                       | Terminal Screw terminal, Pillar terminal with clamp      |
|                            | Application                                      | Residential and Light Commercial                         |

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**Standard Number:**

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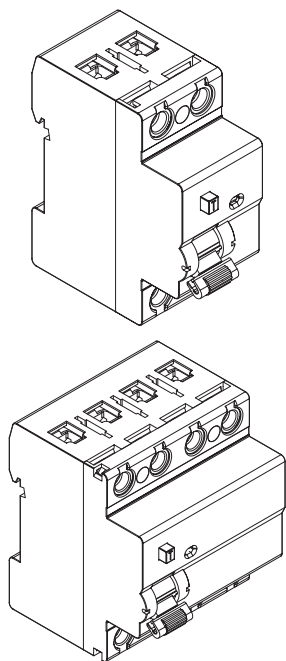
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## Wolverine Type A RCD Series



### Installation Instruction

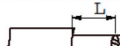
This product **MUST** be installed by a licensed electrician.

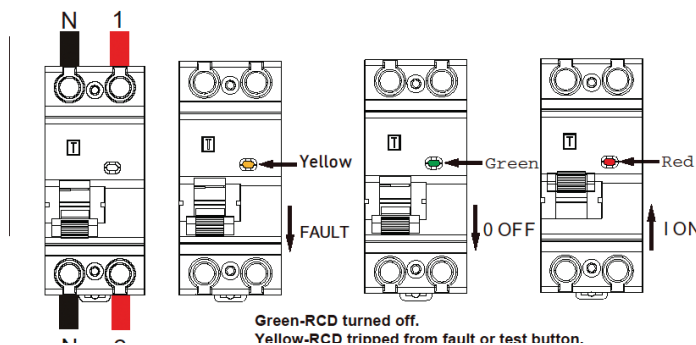
Line and Load can be top or bottom.

To avoid damage to RCD disconnect before insulation testing Connect the Neutral cable before the Line active cable.

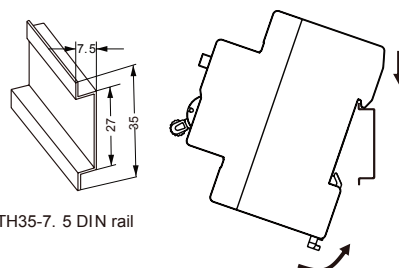
- Used in domestic installations, as well commercial electrical distribution systems.
- Protection of circuits against short-circuit currents.
- Protection of circuits against overload currents.

### Wiring

|                                                                                     |                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|    |  |
|   | L: 14mm<br>S: (1-25)mm <sup>2</sup>                                               |
|  | Recommended<br>1.5Nm                                                              |

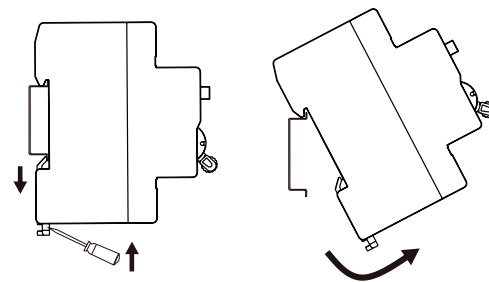


### Mounting

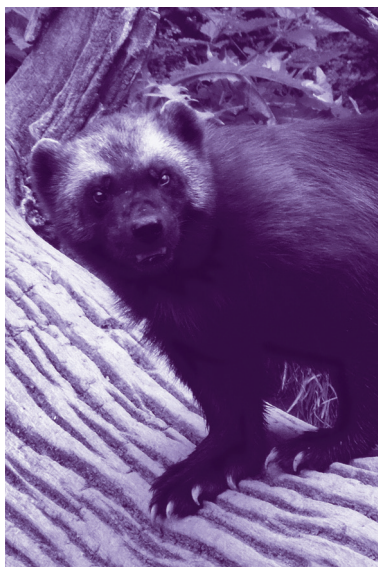


TH35-7.5 DIN rail

### Dismounting



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**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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