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100 Years of Gerard Electrical Tradition

WOLVERINE®

WOMCB6102
WOMCB6106
WOMCB6110
WOMCB6116
WOMCB6120
WOMCB6125
WOMCB6132
WOMCB6132R
WOMCB6140
WOMCB6140R
WOMCB6150
WOMCB6150R
WOMCB6163
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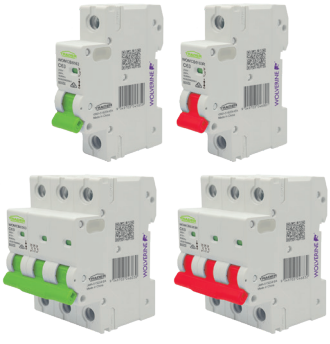

WOLVERINE MCB Series

Overview:

Wolverine Miniature Circuit Breakers (WOMCB series) offer fast and flexible installation and safety for circuit protection applications in domestic and commercial environments. Being fully certified in accordance with standard AS/ NZS and IEC 60898-1 for the application for household installations and for similar purposes.

They provide fast and flexible installation with easy-to-use terminals, din assembly and U-style busbar suitability. The Wolverine MCBs are available in C curve tripping characteristic and ideal for applications for the protection of resistive and inductive loads with low inrush current is suitable for protecting distribution lines, lighting lines and motor circuits with high connecting currents, equipment in office and residential buildings.

63Amp models marked with the R in the catalogue number have been configured for MCB/Main Switch applications and are available in 1 pole and 3 pole.

Catalogue Number	Description
WOMCB6102	MCB Miniature Circuit Breaker 6kA 1 Pole 2 Amp C Curve 230V 240V ac 1 Module
WOMCB6106	MCB Miniature Circuit Breaker 6kA 1 Pole 6 Amp C Curve 230V 240V ac 1 Module
WOMCB6110	MCB Miniature Circuit Breaker 6kA 1 Pole 10 Amp C Curve 230V 240V ac 1 Module
WOMCB6116	MCB Miniature Circuit Breaker 6kA 1 Pole 16 Amp C Curve 230V 240V ac 1 Module
WOMCB6120	MCB Miniature Circuit Breaker 6kA 1 Pole 20 Amp C Curve 230V 240V ac 1 Module
WOMCB6125	MCB Miniature Circuit Breaker 6kA 1 Pole 25 Amp C Curve 230V 240V ac 1 Module
WOMCB6132	MCB Miniature Circuit Breaker 6kA 1 Pole 32 Amp C Curve 230V 240V ac 1 Module
WOMCB6132R	MCB Miniature Circuit Breaker 6kA 1 Pole 32 Amp C Curve 230V 240V ac 1 Module Main Switch Suitable
WOMCB6140	MCB Miniature Circuit Breaker 6kA 1 Pole 32 Amp C Curve 230V 240V ac 1 Module Main Switch Suitable
WOMCB6140R	MCB Miniature Circuit Breaker 6kA 1 Pole 40 Amp C Curve 230V 240V ac 1 Module Main Switch Suitable
WOMCB6150	MCB Miniature Circuit Breaker 6kA 1 Pole 50 Amp C Curve 230V 240V ac 1 Module
WOMCB6150R	MCB Miniature Circuit Breaker 6kA 1 Pole 50 Amp C Curve 230V 240V ac 1 Module Main Switch Suitable
WOMCB6163	MCB Miniature Circuit Breaker 6kA 1 Pole 63 Amp C Curve 230V 240V ac 1 Module
WOMCB6163R	MCB Miniature Circuit Breaker 6kA 1 Pole 63 Amp C Curve 230V 240V ac 1 Module Main Switch Suitable
WOMCB6310	MCB Miniature Circuit Breaker 6kA 3 Pole 10 Amp C Curve 400V 415V ac 3 Module
WOMCB6316	MCB Miniature Circuit Breaker 6kA 3 Pole 16 Amp C Curve 400V 415V ac 3 Module
WOMCB6320	MCB Miniature Circuit Breaker 6kA 3 Pole 20 Amp C Curve 400V 415V ac 3 Module
WOMCB6325	MCB Miniature Circuit Breaker 6kA 3 Pole 25 Amp C Curve 400V 415V ac 3 Module
WOMCB6332	MCB Miniature Circuit Breaker 6kA 3 Pole 32 Amp C Curve 400V 415V ac 3 Module
WOMCB6332R	MCB Miniature Circuit Breaker 6kA 3 Pole 32 Amp C Curve 400V 415V ac 3 Module Main Switch Suitable
WOMCB6340	MCB Miniature Circuit Breaker 6kA 3 Pole 40 Amp C Curve 400V 415V ac 3 Module
WOMCB6340R	MCB Miniature Circuit Breaker 6kA 3 Pole 40 Amp C Curve 400V 415V ac 3 Module Main Switch Suitable
WOMCB6350	MCB Miniature Circuit Breaker 6kA 3 Pole 50 Amp C Curve 400V 415V ac 3 Module
WOMCB6350R	MCB Miniature Circuit Breaker 6kA 3 Pole 50 Amp C Curve 400V 415V ac 3 Module Main Switch Suitable
WOMCB6363	MCB Miniature Circuit Breaker 6kA 3 Pole 63 Amp C Curve 400V 415V ac 3 Module
WOMCB6363R	MCB Miniature Circuit Breaker 6kA 3 Pole 63 Amp C Curve 400V 415V ac 3 Module Main Switch Suitable

Standard Number:
AS/NZS 60898.1
Certification Number:
GMA-515234-EA

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Data Specification Sheet
January 2024

WOMCB6102
WOMCB6106
WOMCB6110
WOMCB6116
WOMCB6120
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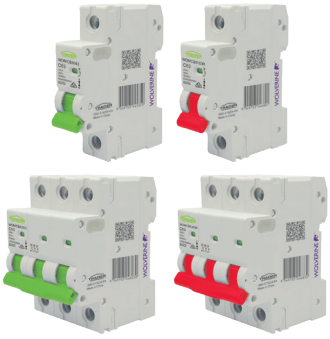

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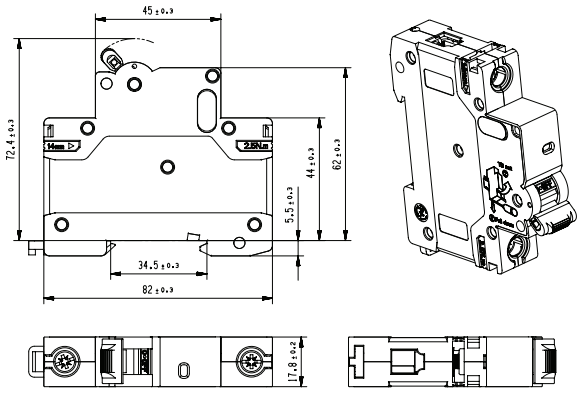
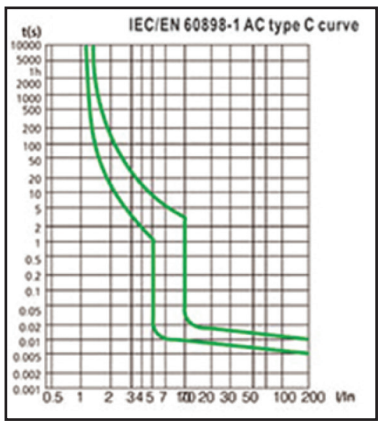
WOLVERINE MCB Series

Electrical Features	Rated current	2A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
	Rated Operational Voltage	230V 240V ~ (1P),400V 415V ~ (3P)
	Number of Poles	1P or 3P
	Type Of Current	AC ONLY
	Thermo- Magnetic Release Characteristic	C Curve
	Breaking capacity	6kA
	Rated Insulation Voltage	500V
	Rated Impulse Withstand Voltage	4kV
	Standard	AS/NZS 60898-1
	Approval certificate number	GMA-515234-EA
Mechanical Features	Energy Limiting Class 3	6000|3
	Use Ambient Temperature Range	30 to +70 Celcius
	Protection Degree	IP20
	Humidity	+25°C≤95%
Installation	Terminal Size Top/Bottom For Cable	25m²
	Maximum Tightening Torque	2.5 Nm
	Recommended tightening torque for terminals	1.5 Nm
	Number Of Positions of The Main Contacts	2
	Module width	18 & 54
	Connection	From top or bottom are available
	Application	Short-circuit & Overload
	Contact Indicator	Green=off, Red=ON
	Current Range	Up to 63A
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
	Terminal Connection	Cable/U-Type Busbar/Pin-Type Busbar
	Handle Lockable	In On/Off Position

Applications:

- Used in domestic installations, as well commercial electrical distribution systems.
- Protection of circuits against short-circuit currents Protection of circuits against overload currents.
- Isolation Switch suitability (variants with red toggles denoted with R at the end).





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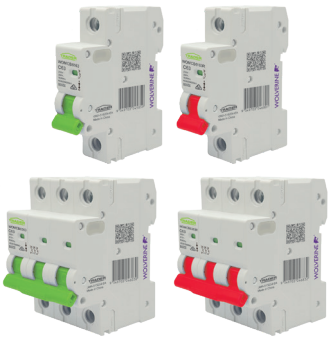
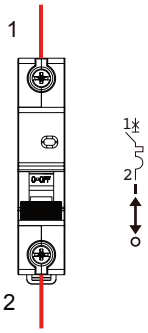
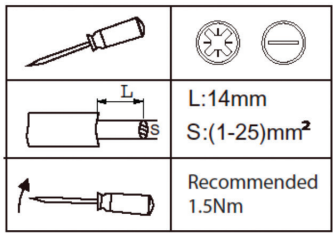


WOLVERINE MCB Series



Installation Instruction

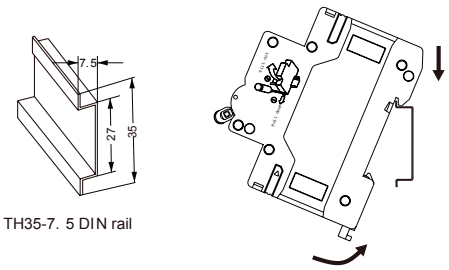
This product MUST be installed by a licensed electrician.
Line and Load can be top or bottom.
To avoid damage to MCB disconnect before insulation testing
Connect the Neutral cable before the Line active cable.



Applications:

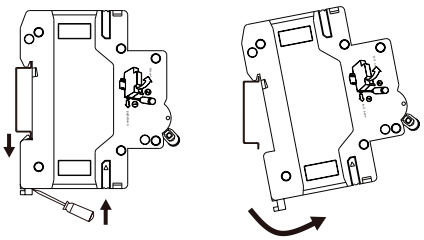
- Used in domestic installations, as well commercial electrical distribution systems
- Protection of circuits against short-circuit currents
- Protection of circuits against overload currents
- Solation Switch suitability (variants with red toggles denoted with R at the end)

Mounting

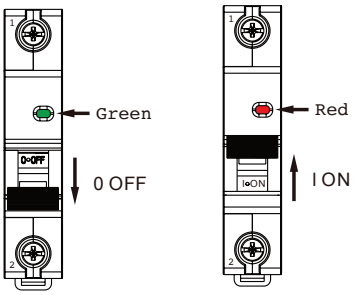


TH35-7. 5 DIN rail

Dismounting



Status Indication



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

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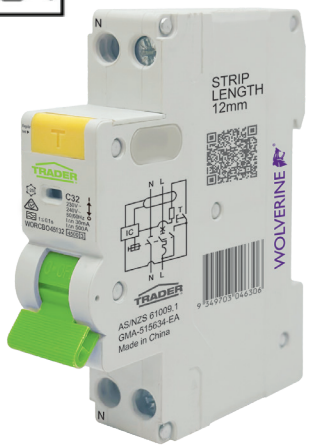
WORCBO6132
WORCBO6140

WOLVERINE RCBO SERIES
TYPE A RCBO 4.5kA and 6kA



Overview:

Wolverine Din Rail mounted 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.

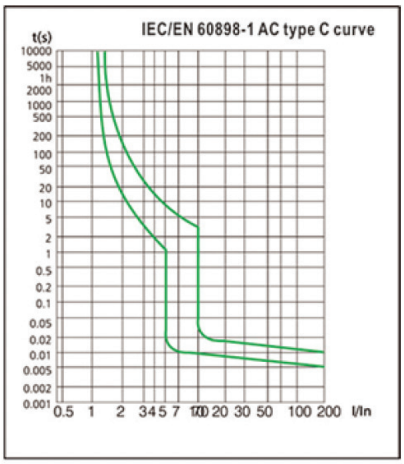
They provide fast and flexible installation with easy-to-use terminals, din assembly and tongue style busbar suitability. The Wolverine RCBO's are available in C curve tripping characteristic and ideal for applications for protection of resistive and inductive loads with low inrush current is suitable 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
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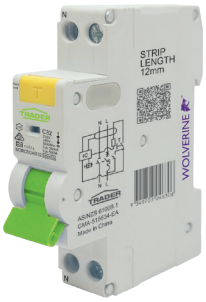

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WOLVERINE RCBO SERIES
TYPE A RCBO 4.5kA and 6kA

Specifications:

Electrical Features	Type	Electronic
	Current Rating	6A, 10A, 16A, 20A, 25A, 32A, 40A
	Rated Voltage	230V, 240V
	Number of Poles	1P+N
	Type (wave form of the earth leakage sensed)	A-Type
	Thermo- magnetic Release Characteristic	C curve
	Rated Sensitivity I n	30mA
	Breaking Capacity	4.5kA, 6kA
	Rated Frequency	50/60Hz
	Rated impulse withstand voltage (Uimp)	4kV
	Standard	IEC 61009-1, AS/NZS61009.1
Mechanical Features	Pollution Degree	2
	Ambient Temperature	-21°C+40°C
	Protection Degree	IP20
	Electrical Life	2, 000 times
	Mechanical Life	2, 000 times
	Contact Position Indicator	Green=OFF, Red=ON
	Terminal Connection Type	Cable/Pin-type busbar
	Terminal Size Top/Bottom For Busbar	10mm²
Installation	Grid distance up to and including 1500A	35mm
	Grid Distance above 1500A	100mm
	Terminal Size Top/Bottom For Cable	10mm²
	Maximum Tightening Torque	2.0Nm
	Recommended tightening torque for terminals	1.5 Nm
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
	Connection	From top or bottom are available (bi directional)

Catalogue Number	Description
WORCBO45110	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 10A 230 240V ac 30mA Type A 1 Module Wide
WORCBO45116	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 16A 230 240V ac 30mA Type A 1 Module Wide
WORCBO45120	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 20A 230 240V ac 30mA Type A 1 Module Wide
WORCBO45125	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 25A 230 240V ac 30mA Type A 1 Module Wide
WORCBO45132	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 32A 230 240V ac 30mA Type A 1 Module Wide
WORCBO45140	RCBO Residual Current Breaker with Overcurrent Protection 4.5kA 2 Pole 40A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6106	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 6A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6110	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 10A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6116	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 16A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6120	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 20A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6125	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 25A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6132	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 32A 230 240V ac 30mA Type A 1 Module Wide
WORCBO6140	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 40A 230 240V ac 30mA Type A 1 Module Wide

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

Standard Number:
AS/NZS 61009-1

Certification Number:
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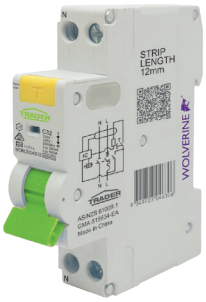
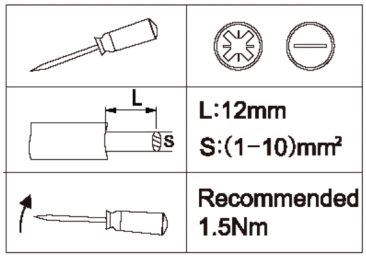
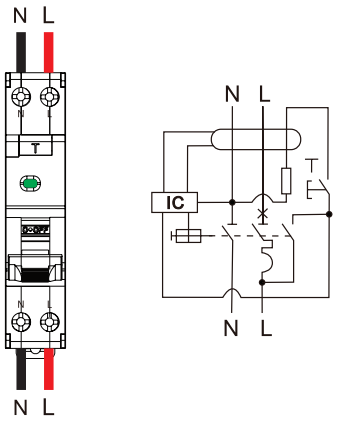


WOLVERINE RCBO SERIES
TYPE A RCBO 4.5kA and 6kA

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.

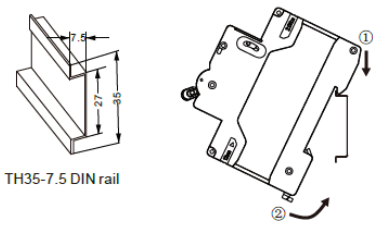




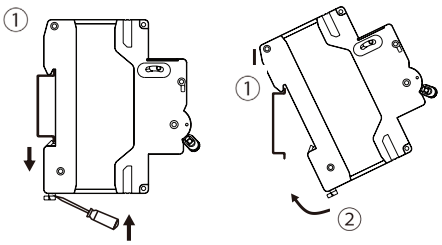
Applications:

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

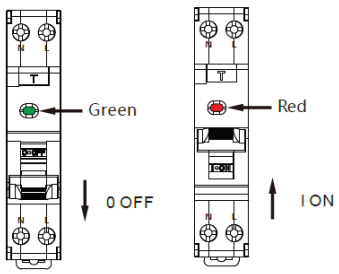
Mounting



Dismounting



Status Indication



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WORCBO6116T
WORCBO6120T
WORCBO6125T
WORCBO6132T
WORCBO6140T

WOLVERINE RCBO WITH NEUTRAL TAIL SERIES
TYPE A RCBO 6kA

Overview:

Wolverine Din Rail mounted 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.

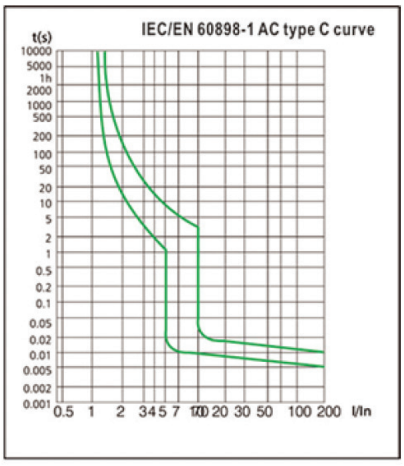
They provide fast and flexible installation with easy-to-use terminals, din assembly and tongue style busbar suitability. The Wolverine RCBO's are available in C curve tripping characteristic and ideal for applications for protection of resistive and inductive loads with low inrush current is suitable 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-517338-EA

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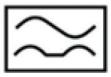
10 Yr Warranty TRADER

Data Specification Sheet
September 2024

WORCBO6106T
WORCBO6110T
WORCBO6116T
WORCBO6120T
WORCBO6125T
WORCBO6132T
WORCBO6140T

WOLVERINE RCBO WITH NEUTRAL TAIL SERIES
TYPE A RCBO 6kA



Specifications:

Electrical Features	Type	Electronic
	Current Rating	6A, 10A, 16A, 20A, 25A, 32A, 40A
	Rated Voltage	230V, 240V
	Number of Poles	1P+N
	Type (wave form of the earth leakage sensed)	A-Type
	Thermo- magnetic Release Characteristic	C curve
	Rated Sensitivity I n	30mA
	Breaking Capacity	6kA
	Rated Frequency	50/60Hz
	Rated impulse withstand voltage (Uimp)	4kV
	Standard	IEC 61009-1, AS/NZS61009.1
Mechanical Features	Pollution Degree	2
	Ambient Temperature	-21°C+40°C
	Protection Degree	IP20
	Electrical Life	2, 000 times
	Mechanical Life	2, 000 times
	Contact Position Indicator	Green=OFF, Red=ON
	Terminal Connection Type	Cable/U-Type Busbar/Pin-Type Bubsbar
	Terminal Size Bottom For Busbar	25mm^2
Installation	Grid distance up to and including 1500A	35mm
	Grid Distance above 1500A	100mm
	Terminal Size Top/Bottom For Cable	10mm^2 Top, 25mm^2 Bottom
	Maximum Tightening Torque	2.0Nm
	Recommended tightening torque for terminals	1.5 Nm
	Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
	Connection	Bottom

Catalogue Number	Description
WORCBO6106T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 6A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6110T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 10A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6116T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 16A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6120T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 20A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6125T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 25A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6132T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 32A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail
WORCBO6140T	RCBO Residual Current Breaker with Overcurrent Protection 6kA 2 Pole 40A 230 240V ac 30mA Type A 1 Module Wide with Neutral Tail

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

Standard Number:
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Certification Number:
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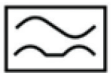
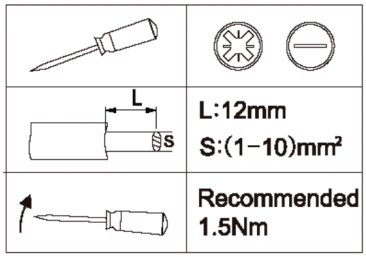
WORCBO6106T
WORCBO6110T
WORCBO6116T
WORCBO6120T
WORCBO6125T
WORCBO6132T
WORCBO6140T

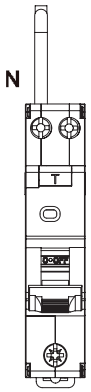
WOLVERINE RCBO WITH NEUTRAL TAIL SERIES
TYPE A RCBO 6kA

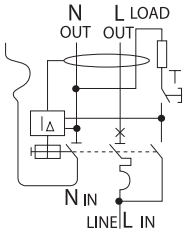


Installation Instruction

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.



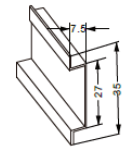




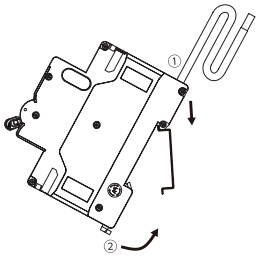
Applications:

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

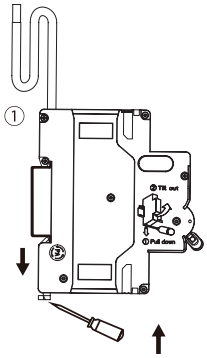
Mounting

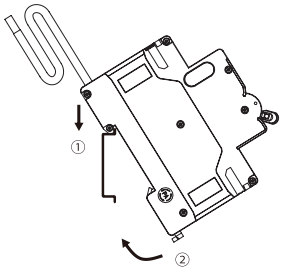


TH35-7.5 DIN rail

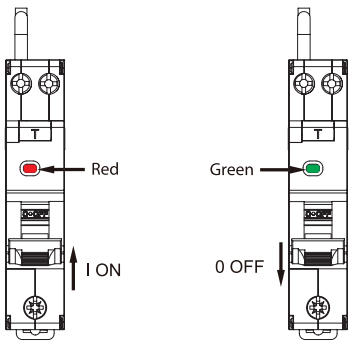


Dismounting





Status Indication



Standard Number:
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Certification Number:
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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.

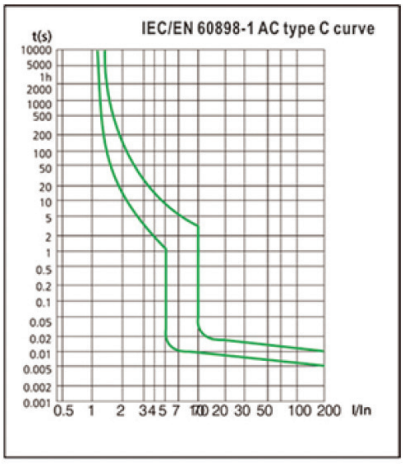
They provide fast and flexible installation with easy-to-use terminals, din assembly and tongue style busbar suitability. The Wolverine 2 Pole RCBO's are available in C curve tripping characteristic and ideal for applications for protection of resistive and inductive loads with low inrush current is 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:
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WORCBO6210
WORCBO6216
WORCBO6220
WORCBO6225
WORCBO6232
WORCBO6240
WORCBO6263

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.

Standard Number:
AS/NZS 61009-1

Certification Number:
GMA-522585-EA

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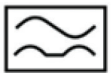
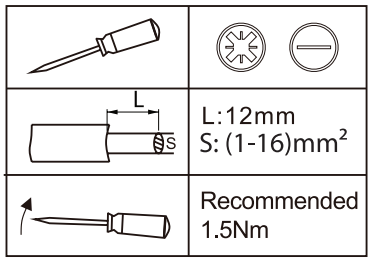
WORCBO6210
WORCBO6216
WORCBO6220
WORCBO6225
WORCBO6232
WORCBO6240
WORCBO6263

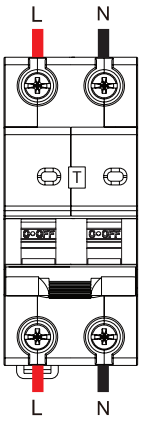
WOLVERINE RCBO 2 Pole SERIES
TYPE A RCBO 6kA

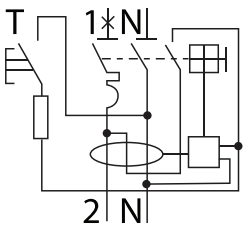


Installation Instruction

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.



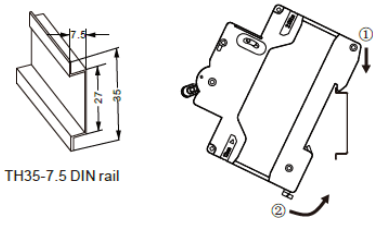




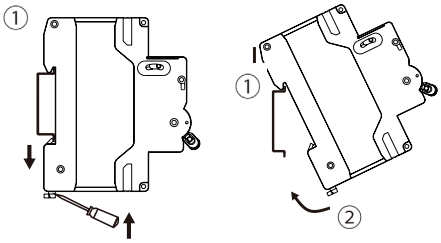
Applications:

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

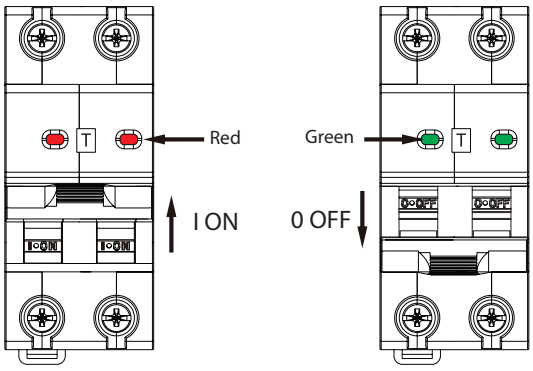
Mounting



Dismounting



Status Indication



Standard Number:
AS/NZS61009-1
Certification Number:
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WOAFDRCBO10210
WOAFDRCBO10216
WOAFDRCBO10220
WOAFDRCBO10225

WOLVERINE AFD RCBO SERIES
TYPE A 10kA

The TRADER Wolverine AFDRCBO series of Arc Fault Detection Devices (AFDDs) combined with Residual Current with Overcurrent Circuit Breaker (RCBO) provide a greater level of protection for personnel and property. AFDD's have been proven to reduce the number of incidents of electrical fires in many countries where these devices are already used, particularly in European regions. AFDDs detect & automatically disconnect arc faults that occur in damaged or crushed cables, in loose terminations, and in ageing installations where the insulation quality degrades over time.
These two module wide devices feature overcurrent protection, short circuit protection, earth leakage protection (residual current) and arc fault protection, with two poles isolation switching as standard. They have been tested and certified in accordance with AS/NZS 62606 and AS/NZS61009.1 with a fault current rating at 10kA and available from 10A to 40A overcurrent protection in C curve tripping characteristic and Type A RCD function with 30mA Residual current level.
The device features automatic test function as per 8.17 of IEC 62606 and is classified as clause 4.1.2 - AFDD unit integrated in a protective device and uses single LED indication.

The AFDRCBO Provides

- Protection of people from electric shock in case direct contact with live parts of electrical installation;
- Protection of people in case of indirect contact with accessible live parts of electrical installation in case of insulation damage;
- Protection against fires resulting from leakage of differential (residual) current to earth in case of insulation damage of lives parts;
- Protection against over currents (overload and short circuit) occurring in electrical installations of buildings.
- The AFDRCBO's features a neutral block moulding to help prevent incorrect installation with busbars. Care must be taken to ensure the bar is installed correctly with the insulation block under the terminal screw.
- Provide safety against arc faults that occur in damaged or crushed cables, in loose terminations, and in ageing installations where the insulation quality degrades over time that can cause firest

Catalogue Number	Description
WOAFDRCBO10210	AFDRCBO Arc Fault Detection Residual Current Breaker with Overcurrent Protection 10kA 2 Pole 10A 230 240V ac 30mA Type A 2 Module Wide
WOAFDRCBO10216	AFDRCBO Arc Fault Detection Residual Current Breaker with Overcurrent Protection 10kA 2 Pole 16A 230 240V ac 30mA Type A 2 Module Wide
WOAFDRCBO10220	AFDRCBO Arc Fault Detection Residual Current Breaker with Overcurrent Protection 10kA 2 Pole 20A 230 240V ac 30mA Type A 2 Module Wide
WOAFDRCBO10225	AFDRCBO Arc Fault Detection Residual Current Breaker with Overcurrent Protection 10kA 2 Pole 25A 230 240V ac 30mA Type A 2 Module Wide

Standard Number:
AS/NZS 61009-1
Certification Number:
GMA-522971-EA

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WOAFDRCBO10210
WOAFDRCBO10216
WOAFDRCBO10220
WOAFDRCBO10225

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;
Rated impulse withstand voltage Uimp, V				4000
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				10000
Over-current protection				Yes (in phase poles only)
Over-voltage protection	operating voltage, V			265±10
	operating time, ms			15~300
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: t≤1 hour – without tripping 1.45 In: t<1 hour – tripping 2.55 In: 1 s<t<60s (at In≤32A) – tripping 1 s<t<120s (at In>32A) – tripping
	Tripping current ranges depending on the type of protective characteristic	C	5In	t≤0.1 s – without tripping
		C	10In	t<0.1s – tripping
Cross-sections of conductors to be connected, mm²				1-16
Material of conductors to be connected				Coper, Aluminum
Maximum withstanding tightening torque of the output screw when using a screwdriver, Nxm*				2.5
Recommended tightening torque of output screw when using a screwdriver, NxM*				1.5
Mechanical 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

Tripping current ranges for A-type RCBO		
Current delay angle α	Tripping current	
	Lower Limit	Upper Limit
0	0.35IΔn	1,4IΔn (IΔn > 0,01 A) 2IΔn (IΔn ≤ 0,01 A)
90	0.25IΔn	
135	0.11IΔn	

Capacity Reduction Coefficient When Installing Multiple Products Side by Side

No. Of Parallel AFDRCBO's	Derating coef.
2-3	0.9
4-5	0.8
6-9	0.7
≥ 10	0.6

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WOAFDRCBO10225

Operating time-current characteristics of circuit breaker over-current operation					
Type	Test current	Initial state	Tripping or non-tripping time	Required result	Note
C	1.13 In	Cold	t ≤ 1h (at In ≤ 63A)	without tripping	-
C	1.45 In	Immediately after testing with current of 1.13 In	t < 1h (at In ≤ 63A)	tripping	continuous current build-up for 5s
C	2.55 In	Cold	1 s<t<60s (at In≤32A) 1 s<t<120s (at In>32A)	tripping	-
C	5 In	Cold	t≤0.1s	without tripping	Current is generated by closing the auxiliary switch
C	10 In	Cold	t<0.1s	tripping	

Type and parameters of AFDRCBO			Limit values of operating time and non-operating time, s, for AFDRCBO type under conditions of alternating residual currents (root-mean-square values)						
Type	In, A	IΔn, A	IΔn	2IΔn	5Δn	5Δn 0.25 A	5-200, 500, A	IΔt	operating and non-operating time
Common	Any Value	less than 0.03	0.3	0.15	-	0.04	0.04	0.04	maximum operating time
		0.03	0.03	0.15	-	0.04	0,04	0.04	
		above 0.03	0.03	0.15	0,04	-	0.04	0.04	

Maximum value of operating time at the alternation residual current (root mean square value) of AFDRCBO of A type.										
Type and parameters of AFDRCBO			Maximum value of operating time, s, for AFDRCBO of A type at the alternation residual currents (root mean square value).							
Type	In, A	IΔn, A	1.4IΔn	2IΔn	2.8IΔn	4IΔn	7IΔn	0.35A	0.5A	350A*
Common	Any Value	less than 0,030	-	0.3	-	0.15	-	-	0.04	0.04
		0.03	0.3	-	0.15	-	-	0.04	-	0.04
		above 0.03	0.03	-	0.15	-	0.04	-	-	0.04
This value is limited to the lower limit of the instantaneous tripping current range according to type C.										

LED Indication Status for Arc Fault

Indication Type	LED Status (The following illustration shows one cycle)	Number of Cycles	Standby Mode
No Fault	Ever Bright	Continuous	
Leakage Fault	Flash	30 Times	
Series Arc Fault	Flash	30 Times	
Parallel Arc Fault	Flash	30 Times	
Over voltage Fault	Flash	30 Times	
Self-testing Fault	Flash	Continuous	
Note	LED indicates, white colour; Fault Indication 1.5 seconds for 30 cycles before entering standby mode.		

Standard Number:
AS/NZS 61009-1
Certification Number:
GMA-522971-EA
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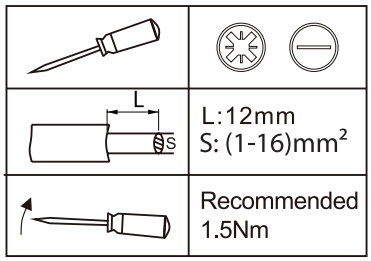
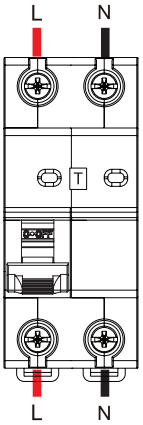
WOAFDRCBO10210
WOAFDRCBO10216
WOAFDRCBO10220
WOAFDRCBO10225

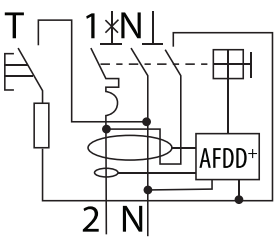
WOLVERINE AFD RCBO SERIES
TYPE A 10kA

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.



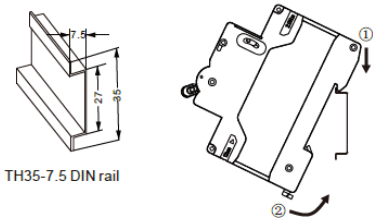




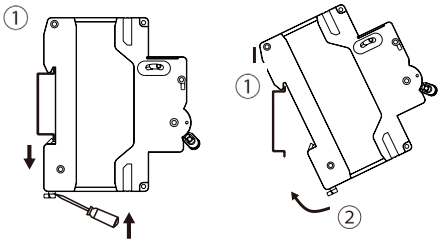
Applications:

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

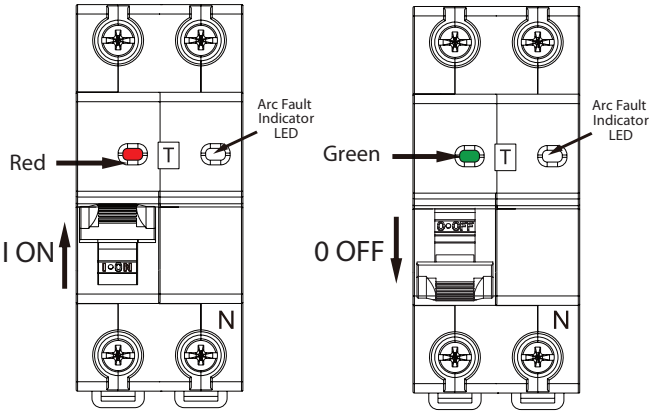
Mounting



Dismounting



Status Indication



Standard Number:
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WOMSW180
WOMSW1100
WOMSW2100
WOMSW380
WOMSW3100

WOLVERINE Main Switch Series

Overview:

Wolverine Din Rail mounted Main Switch Isolators (WOMSW series) offer fast and flexible installation and is suitable for residential and light commercial applications. Offering reliable performance for board configurations suited up to 100A and utilizing red switch toggles for easy identification along with the green/red indication of internal contact positions.

Perfect for applications where isolation is required either in the main or in local sub boards the WOMSW are only switches and do not operate to provide additional circuit protection, other models in Wolverine range offer this application.

Specifications

Electrical Features	Rated Operational Current Ie	80A, 100A
	Rated Uninterrupted Current Iu	80A, 100A
	Conventional Free Air Thermal Current Ith	80A, 100A
	Rated Operational Voltage Ue	230 Or 240V~(1P), 400 Or 415V~(3P)
	Number of Poles	1P, 2P or 3P
	Type Of Current	AC
	Rated Insulation Voltage Ui	690V
	Utilization Category	AC-22A
	Rated Short-Time Withstand Current Icw	1500A/1s
	Rated Short-Time Making Capacity	3000A
	Rated Frequency	50/60Hz
	Rated Impulse Withstand Voltage Uimp	6kV
	Rated Duty	Uninterrupted
Mechanical Features	Standard	AS 60947-3:2018
	Approval certificate number	GMA-515236
	Pollution Degree	3
	Ambient Temperature	-5oc Degrees To +40oc
	Protection Degree	IP20
	Humidity	Should Not Exceed 50% At 40oc
	Method Of Operation	Independent Manual Operation
Installation	Terminal Size Top/Bottom For Busbar	50mm² Max
	Terminal Size Top/Bottom For Cable	25mm²
	Maximum Tightening Torque	3.5 N*m
	Recommended tightening torque for terminals	1.5 N*m
	Number Of Positions of The Main Contacts	2
	Module width	18 & 54
	Connection	From top or bottom are available
	Switching Type	Suitable For Isolation

Standard Number:
AS 60947.3

Certification Number:
GMA-515236

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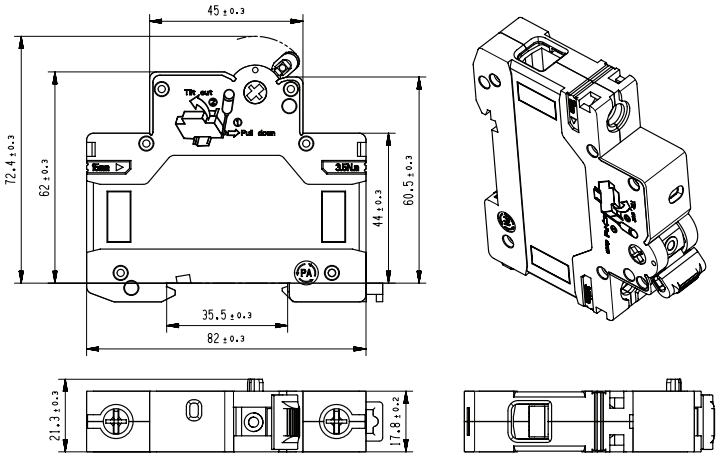
WOMSW180
WOMSW1100
WOMSW2100
WOMSW380
WOMSW3100

WOLVERINE Main Switch Series

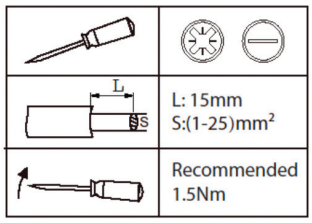


Installation Instruction

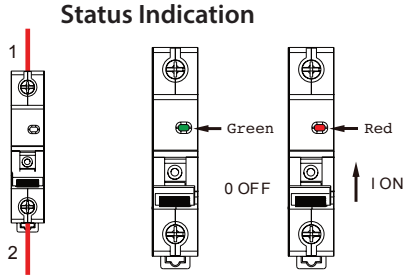
This product MUST be installed by a licensed electrician.
Line and Load can be top or bottom.
To avoid damage to Main Switch disconnect before insulation testing Connect the Neutral cable before the Line active cable.

- Used in domestic installations, as well commercial electrical distribution systems.

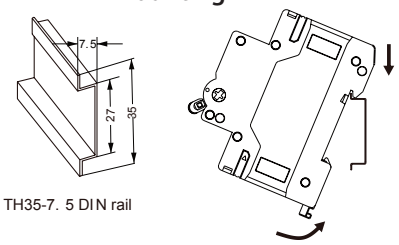
Wiring



Status Indication

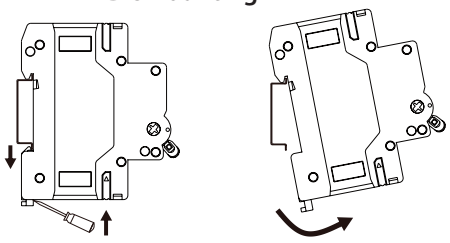


Mounting



TH35-7. 5 DIN rail

Dismounting



Catalogue Number	Description
WOMSW180	Main Switch 1 Pole 80A 230V 240V 1 Module
WOMSW1100	Main Switch 1 Pole 100A 230V 240V 1 Module
WOMSW2100	Main Switch 2 Pole 100A 400V 415V ac 2 Module
WOMSW380	Main Switch 3 Pole 80A 400V 415V 3 Module
WOMSW3100	Main Switch 3 Pole 100A 400V 415V 3 Module

Standard Number:
AS 60947.3
Certification Number:
GMA-515236
WOMSW2100: GMA-515236

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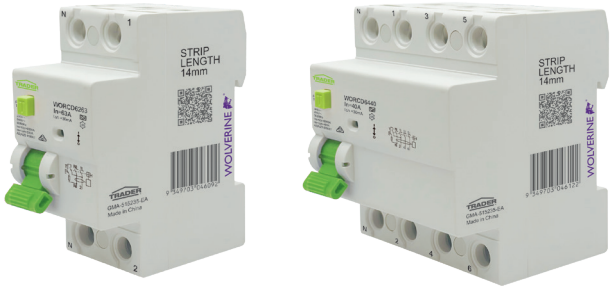
Data Specification Sheet
January 2024

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.

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

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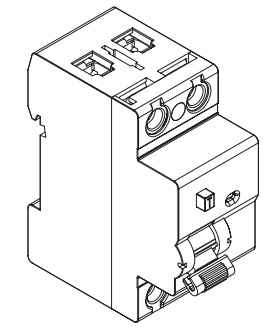
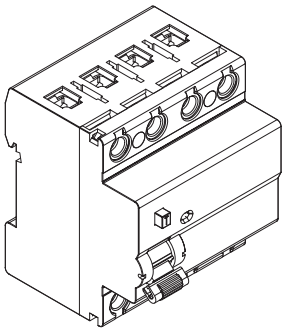
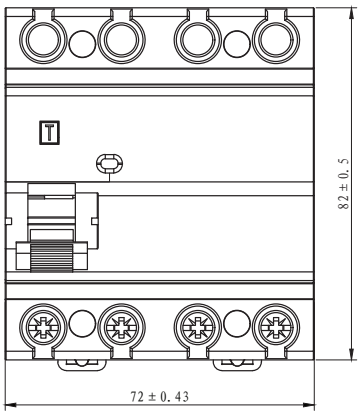
WORCD6220
WORCD6240
WORCD6263
WORCD6420
WORCD6440
WORCD6463

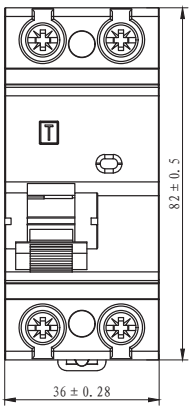


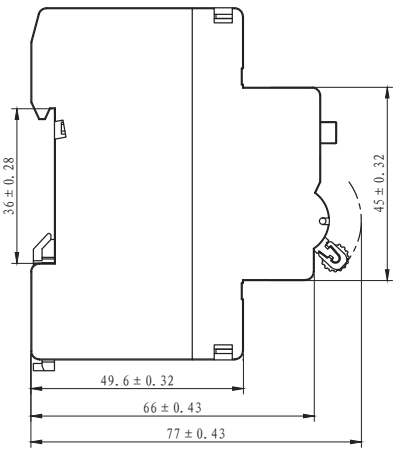


Wolverine Type A RCD Series

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 Uimp	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
Mechanical Features	Protection Degree	IP20
	Electro-mechanical endurance	4,000 cycles
	Contact Position Indicator	Yes
	Ambient Temperature	-25~+40
Installation	Terminal Connection Type	Cable/U-type busbar/Pin-type busbar
	Terminal Size Top/Bottom For Cable	25mm²
	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







Page 2 of 3

Standard Number:
AS/NZS_61008.1
Certification Number:
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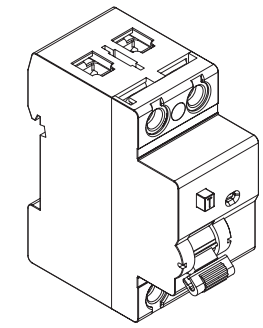
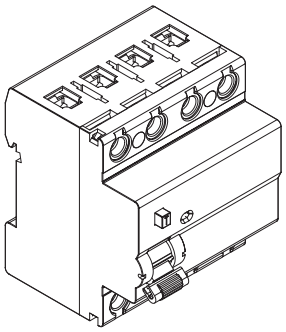
WOLVERINE®

WORCD6220
WORCD6240
WORCD6263
WORCD6420
WORCD6440
WORCD6463





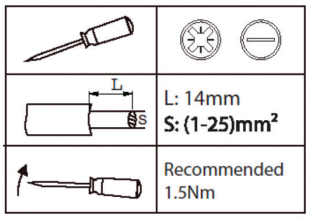
Wolverine Type A RCD Series

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.

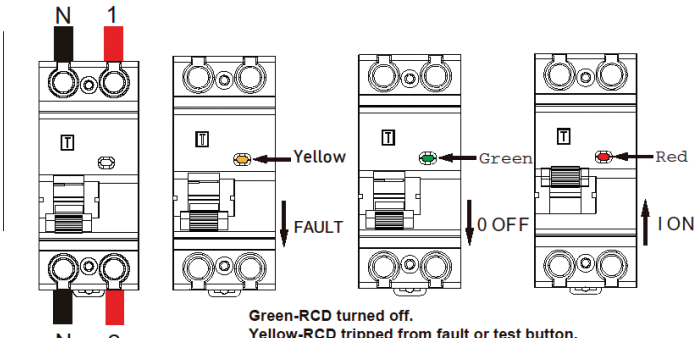
- Used in domestic installations, as well commercial electrical distribution systems.
- Protection of circuits against short-circuit currents.
- Protection of circuits against overload currents.

Wiring



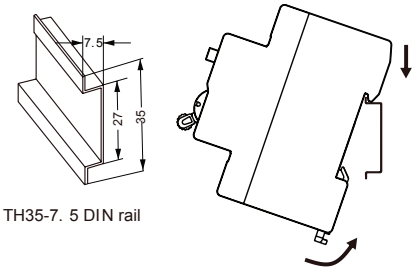
Status Indication

Status Indication



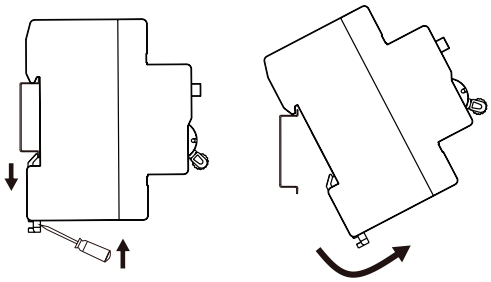
Green-RCD turned off.
Yellow-RCD tripped from fault or test button.

Mounting



TH35-7. 5 DIN rail

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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January 2024

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WOSWCO263
WOSWCO463

***See current catalogue for further detail**

Wolverine Changeover Switch series 63A

Overview:

Changeover switches for use with alternative or stand-by generators typically mounted in main switch boards with the switch actuator positioned in the centre off position. The incoming changeover must be protected with an appropriate MCB 63A - 6kA - C curve to protect against short circuit and disconnection. Refer to AS/NZS 3000 (wiring rules), AS/NZS 3010 (Electrical installations - Generating sets) and local Service and Installation Rules for specific requirements
Please note that in Australia and NZ, the Main Supply Neutral upstream of the MEN connection is NOT allowed to be switched. The four pole cannot be used to switch a Neutral prior to an MEN in the main switchboard. It can however be used to connect to a generating set to a distribution switchboard without an MEN.

Specifications

Electrical Features	Rated Operational Current Ie	63A
	Rated Operational Voltage Ue	240V/415V (2P) 415V (4P)
	Number of Poles	2P, 4P
	Type Of Current	AC
	Rated Insulation Voltage Ui	690V
	Utilization Category	AC-22A
	Rated Short-Time Withstand Current Icw	758A/1s
	Rated Frequency	50Hz
	Rated Impulse Withstand Voltage Uimp	6kV
	Rated Duty	Uninterrupted
Mechanical Features	Standard	AS 60947-3:2018
	Approval certificate number	GMA-520981
	Pollution Degree	3
	Ambient Temperature	-5oc Degrees To +40oc
	Protection Degree	IP20
	Humidity	Should Not Exceed 50% At 40oc
	Method Of Operation	Independent Manual Operation
Installation	Terminal Size Top/Bottom For Busbar	25mm^2
	Terminal Size Top/Bottom For Cable	25mm^2
	Maximum Tightening Torque	1.5 N*m
	Recommended tightening torque for terminals	1.5 N*m
	Number Of Positions of The Main Contacts	2
	Module width	36 & 72
	Connection	From top or bottom are available
	Switching Type	Suitable For Isolation

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Certification Number:
GMA-520981

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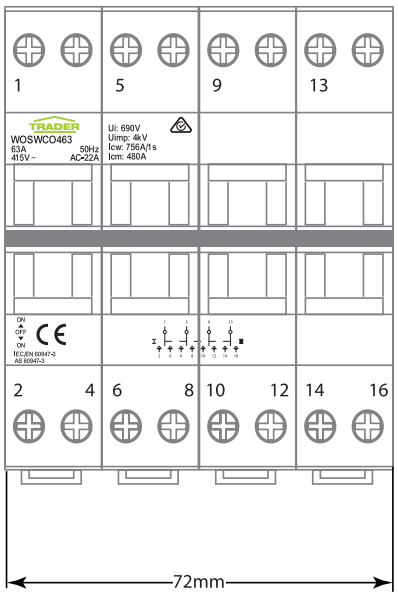
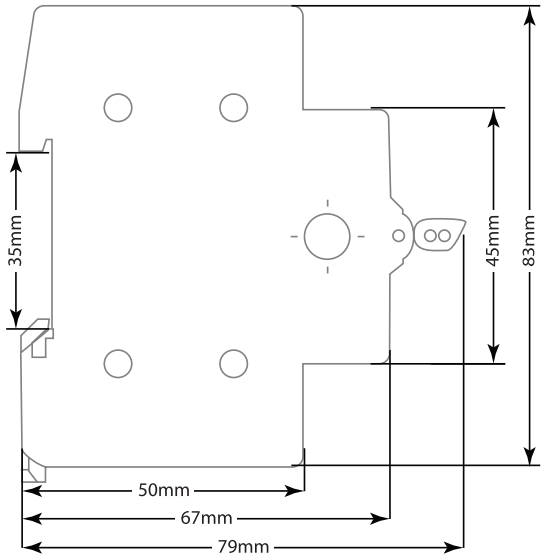
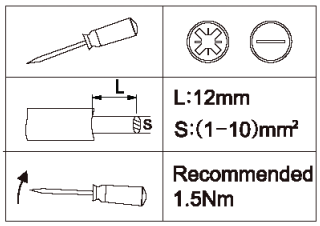
Wolverine Changeover Switch series 63A

WOSWCO263
WOSWCO463

*See current catalogue for further detail







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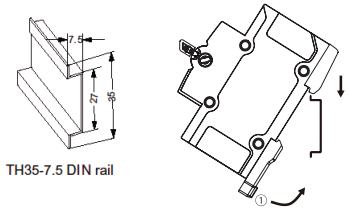
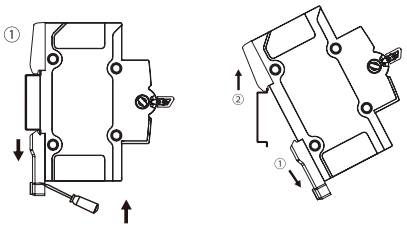
Mounting



Dismounting



Catalogue Number	Description
WOSWCO263	Switch Changeover Din Mount 2 Pole 63A 240 415V ac AC22A
WOSWCO463	Switch Changeover Din Mount 4 Pole 63A 415V ac AC22A

Certification Number:
GMA-520981

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WOLVERINE®

WOCON225NO
WOCON240NO
WOCON425NO
WOCON440NO
WOCON463NO

***See current catalogue for further detail**

Wolverine Contactor series

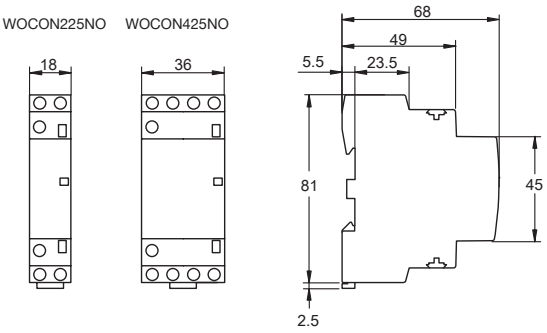
Wolverine Din Rail mounted contactors (WOCON series) offer fast and flexible installation and is suitable for residential and light commercial applications in normally open or normally closed format. Offering reliable performance for board configurations suited from 25A in 2 and 4 pole up to 63A in 4 pole with 230V coils along with the flagging indication of internal contact positions.

Perfect for applications where control of larger circuits and isolation is required either in the main or in local sub boards the WOCON series offers great flexibility.

The working principle of the contactor: Upon energization, the circuit with current will create a magnetic field and generate sufficient magnetic adhesion to overcome counterforce, close armature and connect the contacts. When the coil voltage dies out or reduces to a certain value (i.e. at the state of voltage release), for the flux generated at the end face of the armature decreases, the magnetic adhesion becomes weaker than the counterforce generated by the reaction spring, contact spring, etc. Under the counterforce, the armature will be released and free from the field yoke, and then the contacts will be disconnected.

Parameter / Specification			25A	32A	40A	63A
Rated Current In(A)		AC-7a	25	32	40	63
		AC-7b	9	12	18	25
Conventional Free Air Thermal Current Ith(A)			25	32	40	63
Rated Insulation Voltage Ui(V)			500			
Rated Voltage Ue(V)			250V(2P) 400V(3P 4P)			
Main Contacts		2P	2NO			
		3P	3NO			
		4P	4NO			
Controlled power (kW)	AC-7a	250V	5	6	7.5	12
		400V	16	20	26	40
	AC-7b	250V	1.2	2.5	3	4
		400V	4	6	7.5	11
Electrical durability(times)			$10x10^4$			
Mechanical durability(times)			100×10^4			
Operation frequency /1h			30			
Coil Voltage Us(V)			AC230V			
Wiring Ability (mm^2)	Control circuit	Rigid wire	1.5 - 2.5 2 x 1.5			
		Flexible wire	1.5 - 2.5 2 x 2.5			
	Main Circuit	Rigid wire	1.5 - 6	6 - 25		
		Flexible wire	1.5 - 4	6 - 16		
Fastening torque (Nm)	Main circuit terminal		0.8	3.5		
	Control circuit terminal		0.8			

WOCON225NO WOCON425NO



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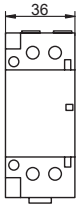
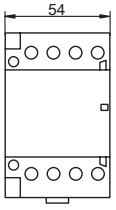
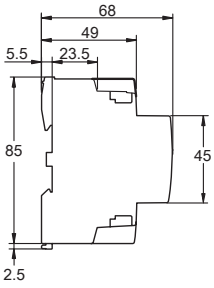


WOCON440NO
WOCON463NO





Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Certification Number:
TBC

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Data Specification Sheet
April 2025

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WOLVERINE®

WOSPD140
WOSPD140C

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

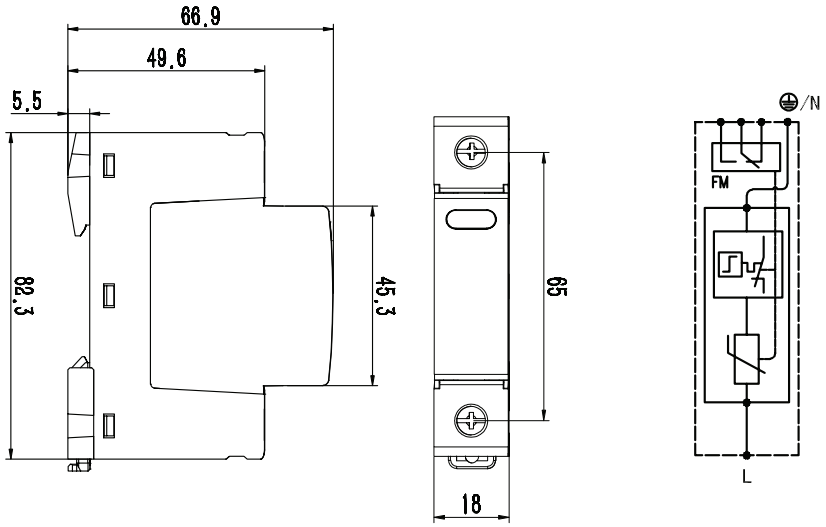
It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Wolverine SPD Surge Protection Device

- Ratings and technical specifications in accordance with standards IEC/EN 1643-11,BS/EN 61643-11
- For use in switch boards where MEN configurations are present
- Pole No. 1P with removeable cartridge
- Max.continuous operating a.c.voltage Uc 275V
- Nominal discharge current (8/20μs) In 20kA
- Maximum discharge current (8/20μs) Imax 40kA
- Voltage protection level Up ≤1.5kV
- Max.backup fuse/MCB 32A gL/32A
- Response time tA ≤25ns
- Operating temperature range Tu -40°C~80°C
- Operating State/Fault Indication Green/Red
- Cross-section area (Min.) 6mm²
- Cross-section area (Max.) 16mm²
- 35mm Din rail suitable
- IP20
- Housing polymer flammability rating UL94-V0
- Tightening torque 2.5Nm
- Drive type #2 Pozi-drive
- Strip length 14mm
- Replacement cartridge WOSPD140C



Products are warranted for 2 years which covers workmanship of product defects only. Any damage caused to the equipment as a result of a lightning strike, or overvoltage due to failure of equipment for whatever reason will not be covered.
The repair or replacement of any fault because of malpractice or negligence of a customer, their agents or third parties will not be covered, or at the discretion of GSM Electrical (Australia) Pty Ltd.
Any consequential loss or damages suffered by the customer as a result any defect in design of the installation or materials will not be covered.
Repair or replacement of any product where a product has been modified or altered by the purchaser or where the product has not been installed in accordance with the specifications is at the discretion of GSM Electrical (Australia) Pty Ltd.

Standard Number:
IEC/EN 1643-11,BS/EN 61643-11

Certification Number:
AN50646745001 CN2211KA004

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Data Specification Sheet
March 2025

WOSB8
WOSB12
WOSB18
WOSB24

WOSBSP
WOPF6

***See current catalogue for further detail**

Wolverine Switch Boards

- The WOSB8, WOSB12, WOSB18 and WOSB24 are designed for indoor surface mounting use only and intended for use to accommodate circuit protection devices such as circuit breakers; RCDs, isolating switches, surge/over-voltage protection and other such products.
- They are intended for use in domestic or commercial applications.
- They MUST be installed by a licensed electrician and follow AS/NZS3000 wiring rules.
- They comply and have been tested in accordance with AS/NZS61439.3
- IP40 from the front surfaces when mounted to AS 60529.
- Ipk: 17kA for the enclosure assembly.
- Class 2 assembly.
- 100A rated assembly and contains Neutral and Earth bars with double rows of screws.
- Parts pack includes 80A rated bus bar, sticker labelling pack in red and green for non-RCD protected and RCD protected circuit identification, pole fillers (full and half DIN module sizes)
- Sticker labelling pack available seperate **WOSBSP**.
- Pole fillers available seperate **WOPF6.**

INTERFACE CHARACTERISTIC

Voltage ratings

Rated voltage (Un): 415V
Rated operational voltage (Ue): 415V
Rated insulation voltage (Ui) :1000V
Rated impulse withstand voltage of assembly (Uimp):4000V
Complies with minimum overvoltage category III according IEC 60364-4-44

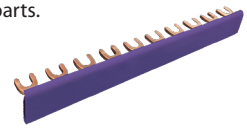
Current ratings

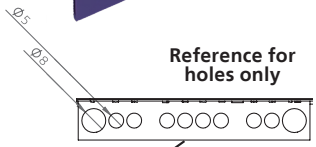
Rated current of the ASSEMBLY (InA) : 100A
Rated peak withstand current (Ipk):17kA
Rated conditional short-circuit current of an ASSEMBLY (Icc):10kA

Rated diversity factor (RDF) 1-0.9
Rated frequency (fn) 50Hz
Pollution degree: 2
Indoor installation only
Fixed stationary installation.
Installation to be carried out by a skilled licensed electrician
Mechanical impact protection:IK05
For protection against electric shock requires screws to be removed to access live parts.
Type B distribution board
The rating of loose busbars. 80A end fed or 100A centre feed.
Neutral link rating : 100A

WOSBSP

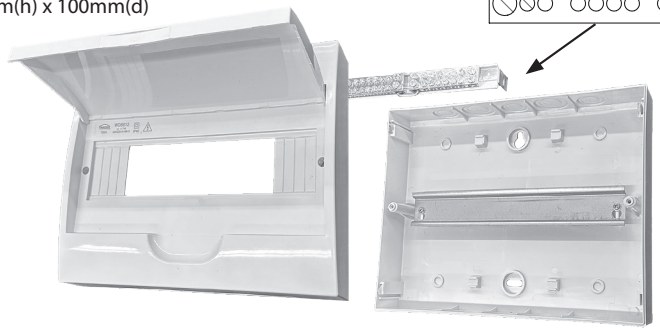
WOPF6





Overall dimensions:
8 module: 200mm(w) x 185mm(h) x 95mm(d),
12 module: 255mm(w) x 200mm(h) x 100mm(d),
18 module: 360m(w) x 220mm(h) x 100mm(d),
24 module: 330mm(w)x 270mm(h) x 100mm(d)

Weight:
8 module: 0.740kg,
12 module: 1.000kg,
18 module: 1.462kg,
24 module: 1.837kg



Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Catalogue Number	Description
WOSB8	Switchboard Surface Mount 8 Way 100A 415V IP40 with White Door for Indoor Use
WOSB12	Switchboard Surface Mount 12 Way 100A 415V IP40 with White Door for Indoor Use
WOSB18	Switchboard Surface Mount 18 Way 100A 415V IP40 with White Door for Indoor Use
WOSB24	Switchboard Surface Mount 24 Way 100A 415V IP40 with White Door for Indoor Use

Certification Number:
GMA-51819

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WOLVERINE®

WOSBWP9
WOSBWP12
WOSBWP18
WOSBWP24

WOSBSP
WOPF6

***See current catalogue for further detail**

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Wolverine Outdoor Switchboards

- The WOSBWP9, WOSBWP12, WOSBWP18 and WOSBWP24 are designed for outdoor surface mounting use only and intended for use to accommodate circuit protection devices such as circuit breakers; RCDs, isolating switches, surge/over-voltage protection and other such products.
- They are intended for use in domestic or commercial applications.
- They MUST be installed by a licensed electrician and follow AS/NZS3000 wiring rules.
- They comply and have been tested in accordance with AS/NZS61439.3
- IP65 from the front surfaces when mounted to AS 60529.
- Ipk: 17kA for the enclosure assembly.
- Class 2 assembly.
- 100A rated assembly and contains Neutral and Earth bars with double rows of screws.
- Parts pack includes 80A rated bus bar, sticker labelling pack in red and green for non-RCD protected and RCD protected circuit identification, pole fillers (full and half DIN module sizes)
- Sticker labelling pack available seperate **WOSBSP.**
- Pole fillers available seperate **WOPF6.**

INTERFACE CHARACTERISTIC

Voltage ratings

Rated voltage (Un): 415V
Rated operational voltage (Ue): 415V
Rated insulation voltage (Ui) :1000V
Rated impulse withstand voltage of assembly (Uimp):4000V
Complies with minimum overvoltage category III according IEC 60364-4-44

Current ratings

Rated current of the ASSEMBLY (InA) : 100A
Rated peak withstand current (Ipk):17kA
Rated conditional short-circuit current of an ASSEMBLY (Icc):10kA

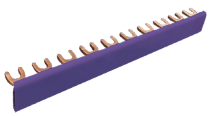
Rated diversity factor (RDF) 1-0.9
Rated frequency (fn) 50Hz
Pollution degree: 2
Fixed stationary installation.
Installation to be carried out by a skilled licensed electrician
Mechanical impact protection:IK05
For protection against electric shock requires screws to be removed to access live parts.
Type B distribution board
The rating of loose busbars. 80A end fed or 100A centre feed.
Neutral link rating : 100A

Overall dimensions:
9 module: 219mm(w) x 200mm(h) x 101mm(d)
12 module: 273mm(w) x 230mm(h) x 101mm(d),
18 module: 381m(w) x 250mm(h) x 114mm(d),
24 module: 273mm(w)x 400mm(h) x 114mm(d)

Weight:
9 module: 0.752g,
12 module: 1.103g,
18 module: 1.825kg,
24 module: 2.308kg

WOSBSP

WOPF6



Catalogue Number	Description
WOSBWP9	Switchboard Surface Mount Weatherproof 9 Way 100A 415V ac IP65 with Transparent Grey Door for Outdoor Use
WOSBWP12	Switchboard Surface Mount Weatherproof 12 Way 100A 415V ac IP65 with Transparent Grey Door for Outdoor Use
WOSBWP18	Switchboard Surface Mount Weatherproof 18 Way 100A 415V ac IP65 with Transparent Grey Door for Outdoor Use
WOSBWP24	Switchboard Surface Mount Weatherproof 24 Way 100A 415V ac IP65 with Transparent Grey Door for Outdoor Use

Certification Number:
GMA-521618

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Data Specification Sheet
September 2025

WOSBWPM5
WOSBWPM10

***See current catalogue for further detail**

WOSBWPM10

WOSBWPM5

Wolverine Outdoor Switchboards

- The WOSBWPM5 and WOSBWPM10 are designed for outdoor surface mounting use only and intended for use to accommodate circuit protection devices such as circuit breakers; RCDs, isolating switches, surge/ over-voltage protection and other such products.
- They are intended for use in domestic or commercial applications.
- They MUST be installed by a licensed electrician and follow AS/NZS3000 wiring rules.
- They comply and have been tested in accordance with AS/NZS61439.3
- IP65 from the front surfaces when mounted to AS 60529.
- Ipk: 17kA for the enclosure assembly.
- Class 2 assembly.
- 100A rated assembly and contains Neutral and Earth bars with single row of screws complying with AS/NZS 3000 clause 3.7.2.11 for screw to tunnel ratio for earthing.
- Parts pack includes 80A rated bus bar, sticker labelling pack in red and green for non-RCD protected and RCD protected circuit identification, pole fillers (full and half DIN module sizes)
- Sticker labelling pack available seperate **WOSBSP.**

INTERFACE CHARACTERISTIC

Voltage ratings

Rated voltage (Un): 415V
Rated operational voltage (Ue): 415V
Rated insulation voltage (Ui) :1000V
Rated impulse withstand voltage of assembly (Uimp):4000V
Complies with minimum overvoltage category III according IEC 60364-4-44

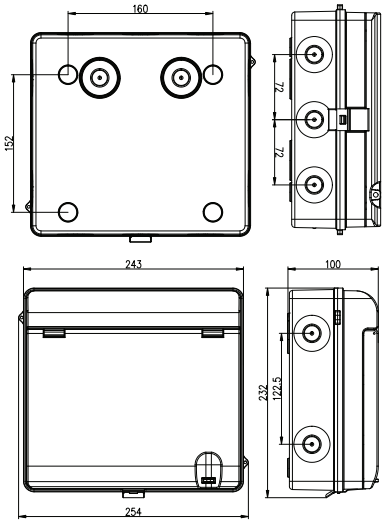
Current ratings

Rated current of the ASSEMBLY (InA) : 100A
Rated peak withstand current (Ipk):17kA
Rated conditional short-circuit current of an ASSEMBLY (Icc): 10kA

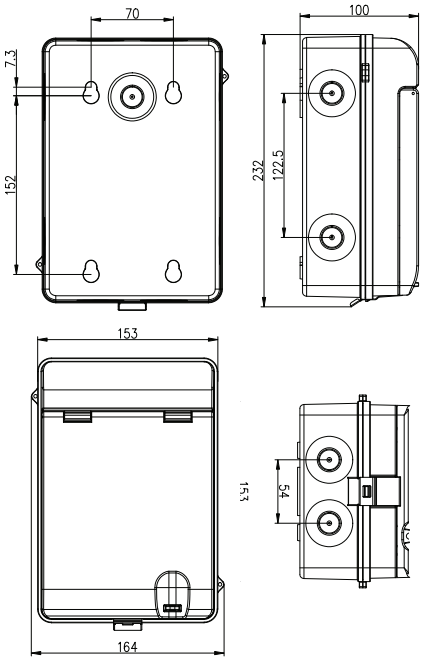
Rated diversity factor (RDF) 1-0.9
Rated frequency (fn) 50Hz
Pollution degree: 2
Fixed stationary installation.
Mechanical impact protection: IK07
For protection against electric shock requires screws to be removed to access live parts.
Type B distribution board
The rating of loose busbars. 80A end fed or 100A centre feed.
Neutral link rating : 100A
Cover screws contain special earthing features and must be securely fastened.

Overall dimensions:
5 module: 153mm(w) x 232mm(h) x 100mm(d)
10 module: 243mm(w) x 232mm(h) x 100mm(d),

Weight:
5 module: 1.51kg,
10 module: 2.09kg



WOSBWPM10



WOSBWPM5

Catalogue Number	Description
WOSBWPM5	Switchboard Surface Mount Weatherproof Metal 5 Way 100A 415V ac IP65 Grey
WOSBWPM10	Switchboard Surface Mount Weatherproof Metal 10 Way 100A 415V ac IP65 Grey

Certification Number:
GMA-526003

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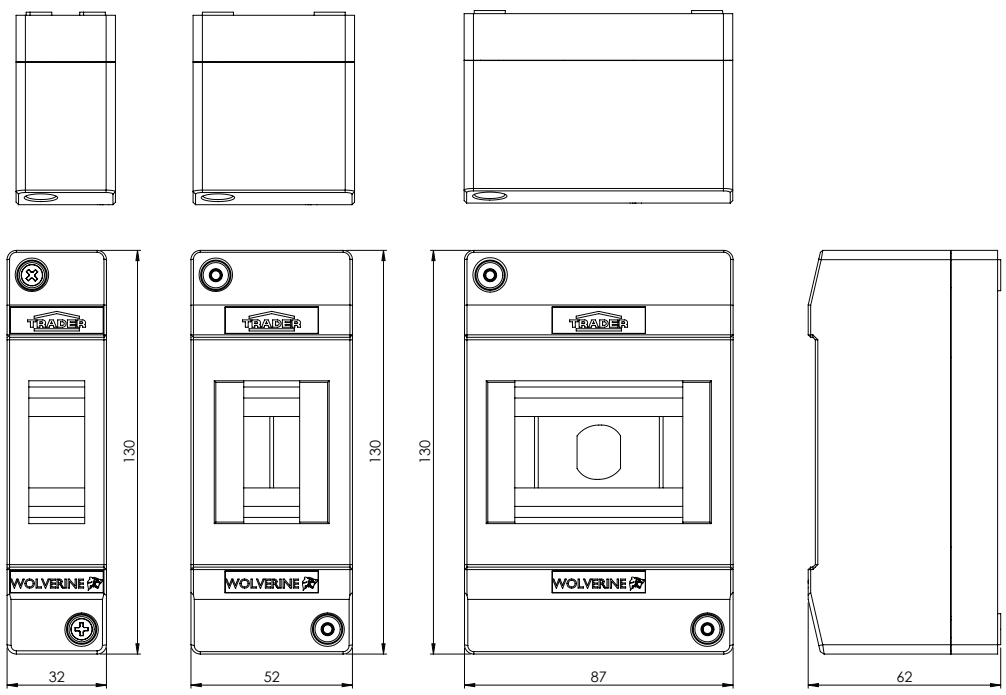
WOLVERINE®

WOPC1G
WOPC2G
WOPC4G

***See current catalogue for further detail**

Wolverine Pole Covers

- Trader Pole Cover series are tough durable, easy to use having cover screw recesses suited for #2 Philips drivers.
- Suitable for mounting on panels in switchboards or other similar applications.
- Made from durable insulated plastic they provide excellent strength and safety.
- Feature extendable apertures for the two and 4 pole models to enable use with smaller Din width configured devices.
- Strong moulded Din Clip featured in the mounting base.
- Ideal for mounting on panels in switch boards.
- They provide generous wiring room.
- Perfect for mounting din Rail mounting RCDs, RCBOs, MCBs, Switches and contactors



WOPC1G **WOPC2G** **WOPC4G**

Cleaning Guide:

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Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Catalogue Number	Description
WOPC1G	Pole Cover 1 Way Surface Mount Indoor Use IP2X
WOPC2G	Pole Cover 2 Way Surface Mount Indoor Use IP2X
WOPC4G	Pole Cover 4 Way Surface Mount Indoor Use IP2X

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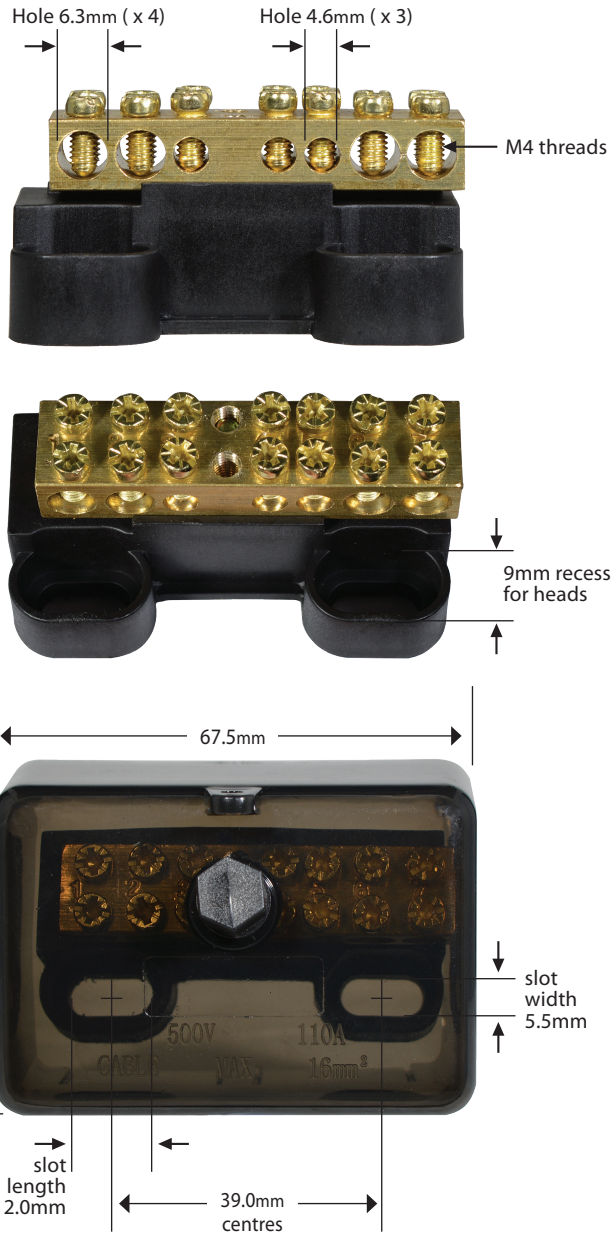
Data Specification Sheet
September 2025

WONBPM7

Wolverine Neutral Bar Link Panel Mount

- 500V 110A 7 Hole Panel mountable Neutral Bar Link with two screws per tunnel.
- Black Insulated cover and base with large mounting apertures.
- Dimensions: 67.5 x 47 x 47mm. Mounting centres: 39mm with 12 x 5.5 mm slots.
- 4 tunnels, 6.3mm diameter accommodate 1 x 16mm^2 cable.
- 3 tunnels, 4.6mm diameter accommodate 1 x 10mm^2 cable.



Catalogue Number	Description
WONBPM7	Neutral Bar Panel Mount 7 Hole With Insulating Cover

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Data Specification Sheet
November 2017

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WOSOAUDP10
WOSOAUDP15

***See current catalogue for further detail**

DIN Mounted Socket

DIN mounted socket designed for easy installation on a DIN rail.

These sockets suit 3 pin plugs for either 10A or 15A 250Vac rating and provides a reliable and secure connection for your electrical devices.

Features:

- 3 Flat Pin
- Available in 10A or 15A options
- Auto switched double pole

Neon Indication

To provide indication that supply is present when plugs are inserted, all products are supplied with a neon indication.

Safety Shutters

To prevent accidental insertion into live contacts all WOSOAUDP series DIN Socket Outlets are manufactured with safety shutters.

Double Pole Auto Switched

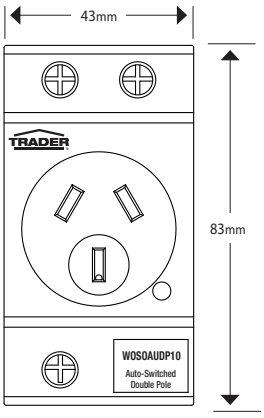
The Din Socket Outlets have double pole construction which incorporates auto switching across active and neutral contacts which makes them versatile for applications such as work sites in temporary boards and portable generators.

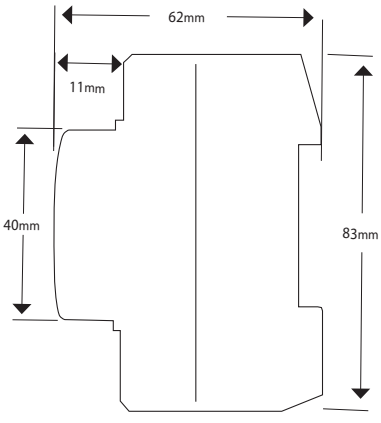
Connection

Installation and connection have been designed so that the active terminal is loaded from the bottom position in line with other MCB and busbar active terminations and the screw positions are front mounted in a similar layout for time saving front access (see images below). This reduces the need to unclip the product and wire it from the rear as other in the market must be done. The top positioned Neutral & Earth connections place them close to the MEN for ease of wiring in smaller boards which all helps with reducing installation time.

DIN Rail Mounting

All WOSOAUDP series products are supplied with a robust DIN clip, providing strong grip to the DIN rail whing removing plugs from extension cords are the if the sockets need strong mounting strength if used on work sites.





Catalogue Number	Description
WOSOAUDP10	Socket DIN Rail Mounted Auto-Switched Double Pole 10A 250V 3 Flat Pin
WOSOAUDP15	Socket DIN Rail Mounted Auto-Switched Double Pole 15A 250V 3 Flat Pin

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

Certification Number:
GMA-518295-EA

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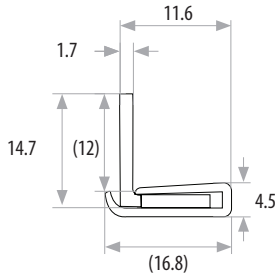
WOBBF41
WOBBF63
WOBBF164
WOBBF181
WOBBP18C
WOBBF182
WOBBF183

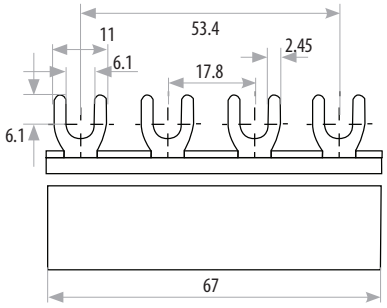
See current catalogue for further detail

Busbar Range

WOBBF41

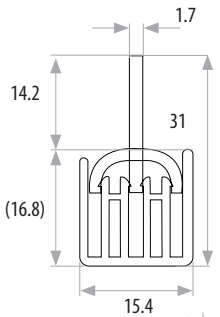
- This convenient bus bar has been designed to suit small board installs where a 2-module wide RCD is used to protect 3 MCBs
- Based on the larger 80Amp end feed 18 way model , this shorter precut model is ideal for small single phase applications
- Designed for single pole feed in for Active
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V
- Type connection Fork type
- Number of phases 1
- Number of modules 4
- Insulated sleeve
- Not Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²

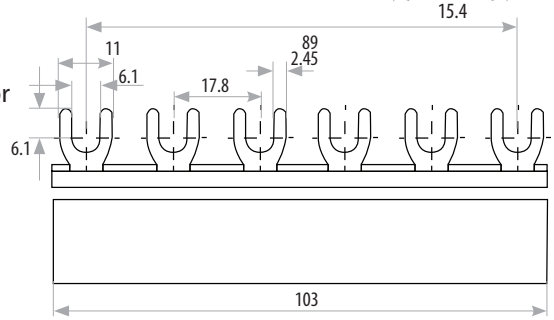




WOBBF63

- This convenient bus bar has been designed to suit small board installs where a 3 phase RCD is used to protect 1 MCB on each of the 3 phases (or a 3pole MCB)
- Based on the larger 80Amp end feed 18 way model , this shorter precut model is ideal for small three-phase applications
- Designed for three phase feed in for Active
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V/400V
- Type connection Fork type
- Number of phases 3
- Number of modules 6
- Insulated sleeve
- Not Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²





Catalogue Number	Description
WOBBF41	Busbar Insulated Fork 80 Amp 1 Pole 4 Module Purple
WOBBF63	Busbar Insulated Fork 80 Amp 3 Pole 6 Module Purple

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

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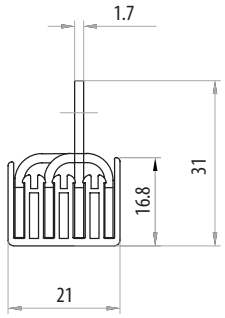
WOBBF41
WOBBF63
WOBBF164
WOBBF181
WOBBP18C
WOBBF182
WOBBF183

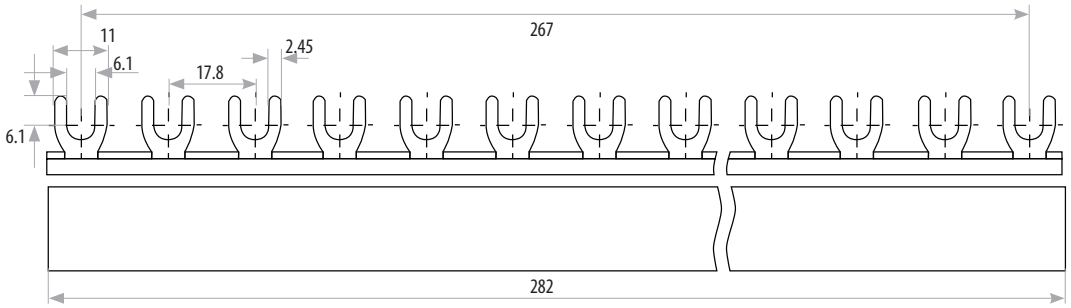
See current catalogue for further detail

Busbar Range

WOBBF164

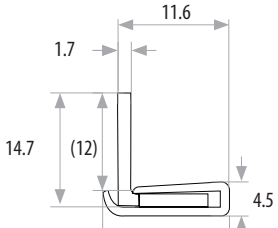
- This 16 way 4 pole bus bar is designed to suit applications for 4 pole RCBO's where the 4th pole links the Neutral
- Designed for three phase feed in for Active also contains a Neutral Bar feature
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V/400V
- Type connection Fork type
- Number of phases 3+N
- Number of modules 16
- Insulated sleeve
- Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²

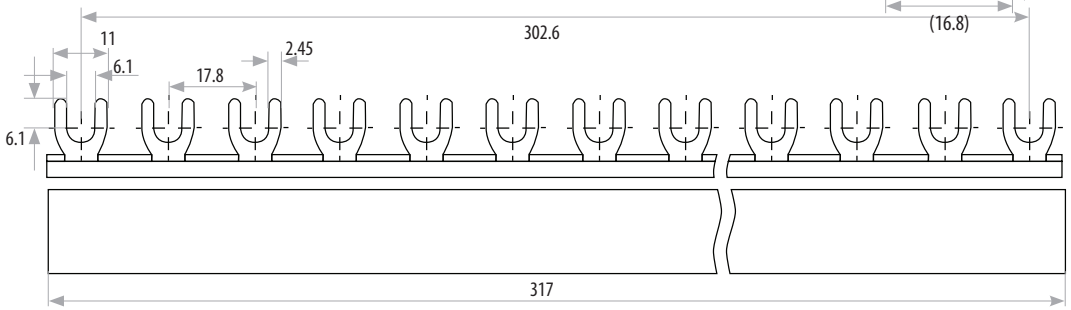




WOBBF181

- Designed for single pole feed in for Active
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V
- Type connection Fork type
- Number of phases 1
- Number of modules 18
- Insulated sleeve
- Not Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²





Catalogue Number	Description
WOBBF164	Busbar Insulated Fork 80 Amp 4 Pole 16 Module Purple
WOBBF181	Busbar Insulated Fork 80A 1 Pole 18 Module Purple

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

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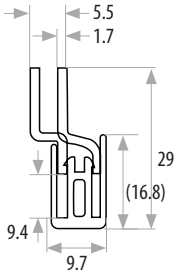
WOBBF41
WOBBF63
WOBBF164
WOBBF181
WOBBP18C
WOBBF182
WOBBF183

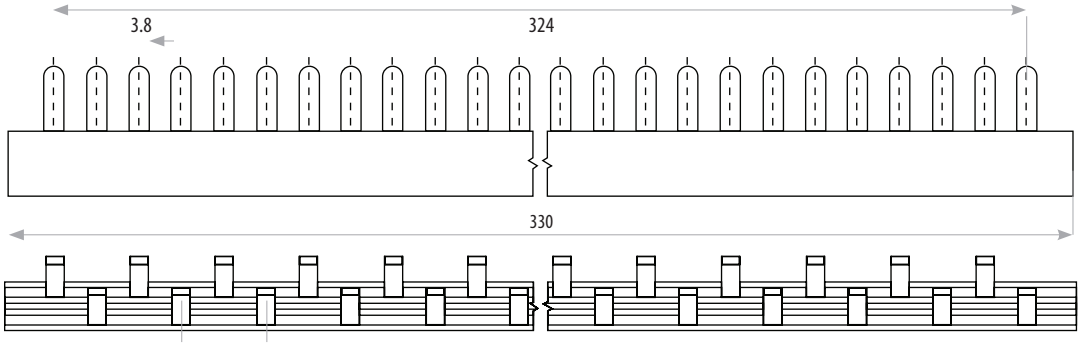
See current catalogue for further detail

Busbar Range

WOBBP18C

- Designed for single module combination RCBO feed in for Active and Neutral
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V/400V
- Type connection Pin type
- Number of phases 2
- Number of modules 18
- Insulated sleeve
- Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm^2





Cleaning Guide:

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It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

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Catalogue Number	Description
WOBBP18C	Busbar Insulated Pin 80 Amp 2 Pole 18 Module Combo Active Plus Neutral Purple

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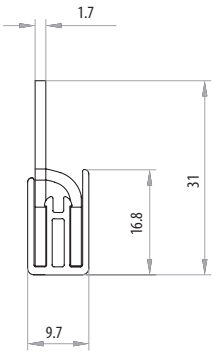
WOBBF41
WOBBF63
WOBBF164
WOBBF181
WOBBP18C
WOBBF182
WOBBF183

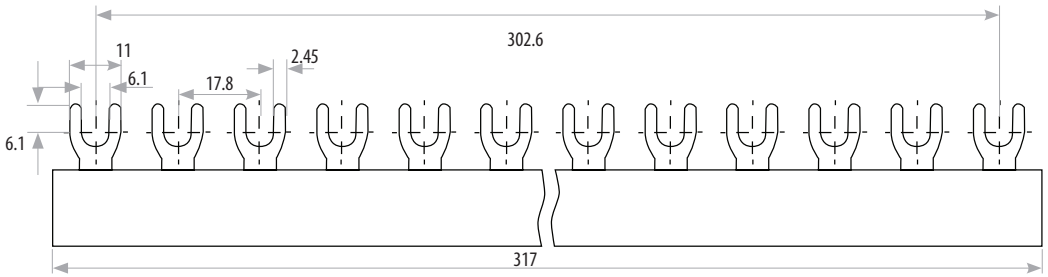
See current catalogue for further detail

Busbar Range

WOBBF182

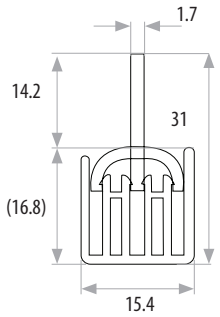
- Designed for two module RCBO's where feed in for Active + Neutral Bar
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V/400V
- Type connection Fork type
- Number of phases 2 or 1+N
- Number of modules 18
- Insulated sleeve
- Can be suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²

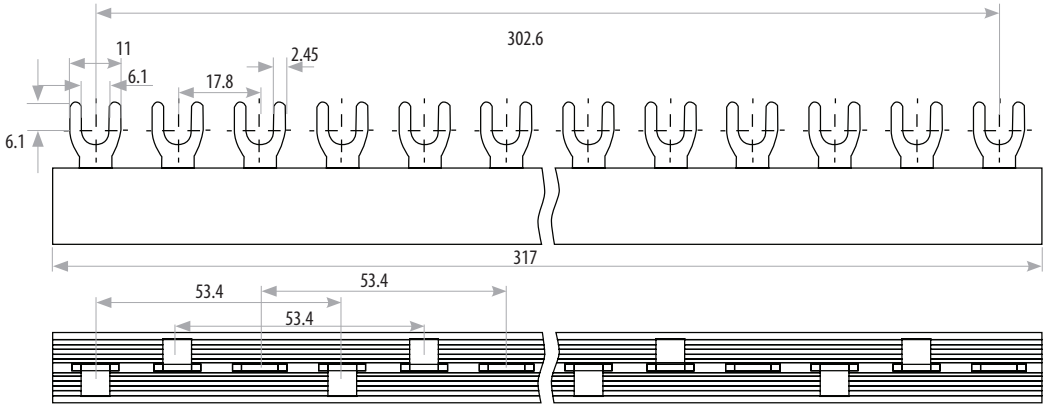




WOBBF183

- Designed for three phase feed in for Active
- Rated current In, busbar comb, end feed 80A
- Rated Voltage 230V/400V
- Type connection Fork type
- Number of phases 3
- Number of modules 18
- Insulated sleeve
- Not Suitable for devices with N-conductor
- Module width 18mm
- Cross section 16mm²





Catalogue Number	Description
WOBBF182	Busbar Insulated Fork 80 Amp 2 Pole 18 Module Purple
WOBBF183	Busbar Insulated Fork 80A 3 Pole 18 Module Purple

Cleaning Guide:

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Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

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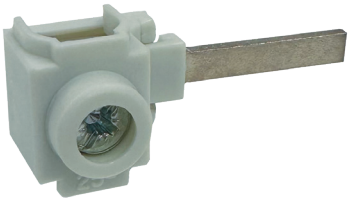
WOBBC25

*See current catalogue for further detail



Busbar Accessories

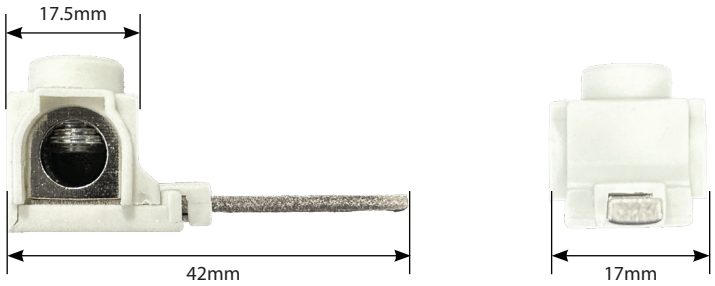
OVERVIEW OF WOLVERINE BUSBAR CONNECTOR

The Wolverine Busbar Connector WOBBC25 is a precision-engineered busbar connector specifically designed to provide reliable electrical distribution in a wide range of industrial, commercial, and residential applications. As an essential component in electrical distribution assemblies, these busbar connectors deliver superior performance by facilitating efficient power distribution while maintaining optimal safety standards.

Busbar connectors assist in ease of connection to modern electrical distribution systems, providing a standardized method for connecting RCBOs and MCBs to a common distributed power source. The WOBBC25 is a fundamental component with premium materials and that ensures consistent performance even under demanding conditions and provides an ideal termination point.

KEY FEATURES AND BENEFITS OF WOLVERINE BUS BAR CONNECTORS

- Current capacity: Engineered to handle substantial current loads of 63A, making these connectors suitable for both residential and commercial electrical systems, capable of terminating 25mm^2.
- Superior Insulation: Premium PVC outer casing provides excellent electrical insulation properties.
- Operational Stability: Consistent performance characteristics ensure reliable operation throughout the product's extended service life.
- Installation Efficiency: Designed for straightforward installation, reducing install time.
- Enhanced Conductivity: High-quality copper connection tongue combined with brass terminal delivers exceptional electrical conductivity.
- Tongue dimensions: 2.0mm thick X 4.0mm wide x 20.8mm long from insulation
- Cable capacity: 6.6mm diameter bore for 25mm^2
- Nickel plate finish: for environmental protection
- Versatility: designed to suit the tongue type connector RCBO terminals as well as clamping in standard terminals that suit fork style busbar assemblies



Cleaning Guide:

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Catalogue Number	Description
WOBBC25	Busbar Connector 25mm^2 Pack of 4

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WOSB21DKMWA

*See current catalogue for further detail

Wolverine Switchboard 21 Pole DIN KIT FOR WESTERN AUSTRALIA ONLY

Generous earth and split neutral bars to assist with ease of wiring.
Set high in the chassis assembly for ease of access.
6.3mm (Neutral bar) 5mm (Earth) diameter terminal tunnels.

Rated peak withstand current (I_{pk}) is 17kA
Compliant with AS/NZS 61439-3
Switchboard contains live mains, ensure it is fully isolated before removing the cover.

Voltage ratings	
Rated voltage (Un) (of the ASSEMBLY):	415V~
Rated operational voltage (Ue) : (of the ASSEMBLY)	415V~
Rated insulation voltage (Ui): (of the ASSEMBLY)	1000V
Rated impulse withstand voltage (Uimp): (of the ASSEMBLY)	4000V
DGO´s comply with minimum overvoltage category III according IEC 60364-4-44	
Current ratings	
Rated current of the ASSEMBLY (InA) :	100A
Rated current of a circuit (Inc):	Not Supplied
Rated peak withstand current (Ipk):	17kA
Rated short-time withstand current (Icw): (of a circuit of an ASSEMBLY)	Not Supplied with Assembly
Rated conditional short-circuit current of an ASSEMBLY (Icc):	10kA

Rated diversity factor (RDF)	0.6
Rated frequency (fn)	50Hz
Other characteristics	
Additional requirements (e.g. type of coordination, overload characteristics);	——
Pollution degree (minimum 2): to be confirmed	2
Types of system earthing:	Earth housing and cover assembly through earth bar
Indoor and/or outdoor installation:	Suitable for both
Stationary or movable:	STATIONARY
Degree of protection:	IP2X
Intended for use by skilled or ordinary persons:	SKILLED
Special service conditions, if applicable:	IP2X
External design:	Enclosed Type Assembly to fit inside main switchboard panels
Type of construction:	Fixed
Measures for protection against electric shock:	IP2X and Earth bar connected to frame and cover for connecting to MEN
Type A or type B DBO:	Type B
AS/NZS r) The rating of loose busbars. (e.g. 80 A)	80A (Supplied in Pack)
AS/NZS s) The maximum size of the overcurrent protection	NOT SUPPLIED
AS/NZS t) The rating of the neutral link (e.g. 125 A)	100A

Catalogue Number	Description
WOSB21DKMWA	Switchboard 21 Way DIN KIT Metal for Western Australia Only

Cleaning Guide:

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Data Specification Sheet
January 2026