

Wolverine Outdoor Metal Switchboard Series



Fig 1.

PRODUCT CODE	DESCRIPTION	LENGTH	WIDTH	HEIGHT	WEIGHT
WOSBWPM5	Switchboard Surface Mount Weatherproof Metal 5 Way 100A 415V ac IP66 Grey	153	100	232	1.51kg
WOSBWPM10	Switchboard Surface Mount Weatherproof Metal 10 Way 100A 415V ac IP66 Grey	243	100	232	2.09kg

Generous earth and split neutral bars to assist with ease of wiring.
 Set high in the chassis assembly for ease of access.
 8mm and 5mm diameter terminal tunnels for wiring up to 25mm².
 Cover features 6mm diameter locking facility to secure front flap if needed.

Rated peak withstand current (I_{pk}) is 17kA
 Compliant with AS/NZS 61439-3
 Mechanical impact protection with aluminium housing.

Switchboard contains live mains, ensure it is fully isolated before removing the cover

INSTALLATION INSTRUCTIONS

WARNING: Electrical work should be carried out by a licensed electrician.

- Remove the cover by unscrewing the cover screws making sure not to damage the gasket.
- Remove & retain parts pack with caps for use in final assembly.
- Drill out required mounting holes in back box.
- If conduit or cable is to be supplied behind the back box, drill out required holes using cut outs provided.
- Securely fix product to wall using appropriate fasteners.
- After mounting, ensure rear fixing holes are sealed and screw caps applied to maintain the IP rating.
- Install conduit and cabling as required sealing all entries. Chassis can be removed to make this easier for wiring but ensure it can easily be reassembled without jamming. Ensure the MEN is positioned upwards in orientation and DIN clips are in the lower orientation with circuit protection equipment mounted. Ensure Earth bar connection to back box is secure, as the house is earthed through these screws.
- On completion of installation, reassemble the cover, flap, gasket and screw assembly onto the box ensuring the equipment enclosed is all sitting correctly then fasten the 10 cover screws down to seal the gasket then apply the screw caps to complete the installation. Ensure cover screws are correctly assembled as these provide the earth link to the box and earth bar.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be installed and serviced by appropriately qualified and/or licensed electrical personnel.
 - Isolate the electrical supply before doing any work on this equipment.
 - Ensure that the product has been correctly installed and tested for safe operation before reconnecting the electrical supply.
- Failure to follow these instructions will result in death or serious injury.**

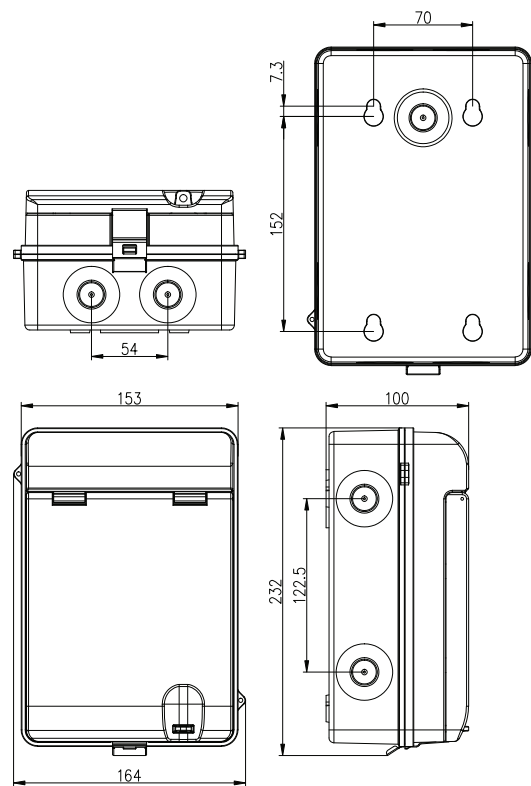


10 Year Manufacturer's Warranty

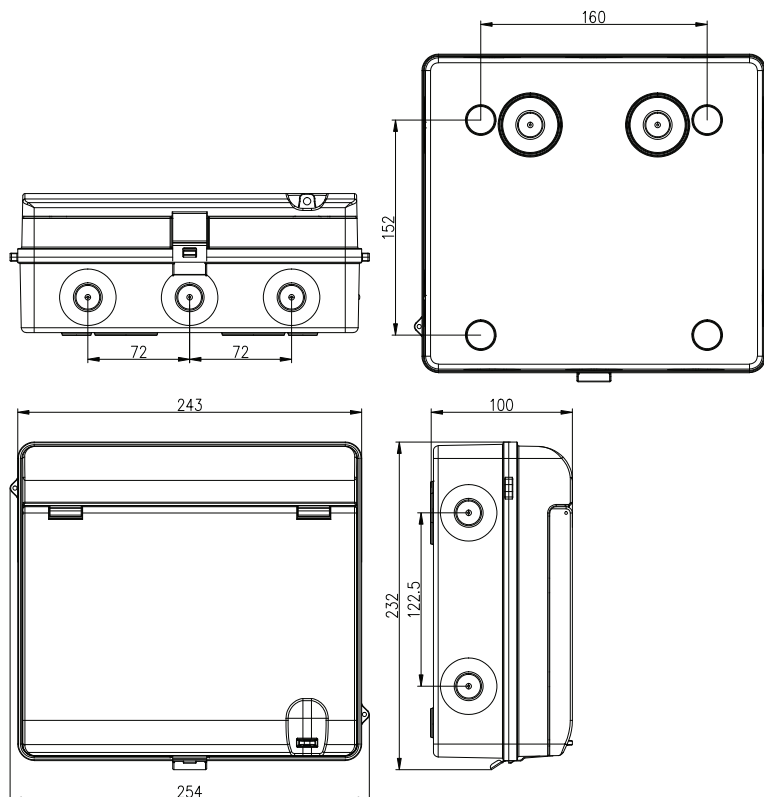
This product has been manufactured to the highest quality standards. This product is warranted to the original purchaser and is not transferable. GSM Electrical (Australia) Pty Ltd's liability under this warranty is limited to the replacement and/or repair of the defective parts within the warranty period and does not extend to installation or removal of the product. Acceptance of liability by GSM Electrical (Australia) Pty Ltd contained herein is to the exclusion of any other remedy whatsoever and howsoever arising in respect of any equipment to which it applies.

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)	WOSBWPM5 : 0.7 WOSBWPM10 : 0.5
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:	IP65
Intended for use by skilled or ordinary persons:	SKILLED
Special service conditions, if applicable:	IP65
External design:	Enclosed Type Assembly
Mechanical impact protection:	IK07
Type of construction:	Fixed
Measures for protection against electric shock:	Insulated housing and recessed cover screws
Overall dimensions (including projections e.g handles, covers, doors), if required:	Varies with different models (See table in Fig 1.)
The weight, if required:	Varies with different models (See table in Fig 1.)
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



WOSBWPM5



WOSBWPM10