

Group metering enclosure - general application

Catalogue numbers:

VYGMN6
VYGMN9

Specifications:

Materials

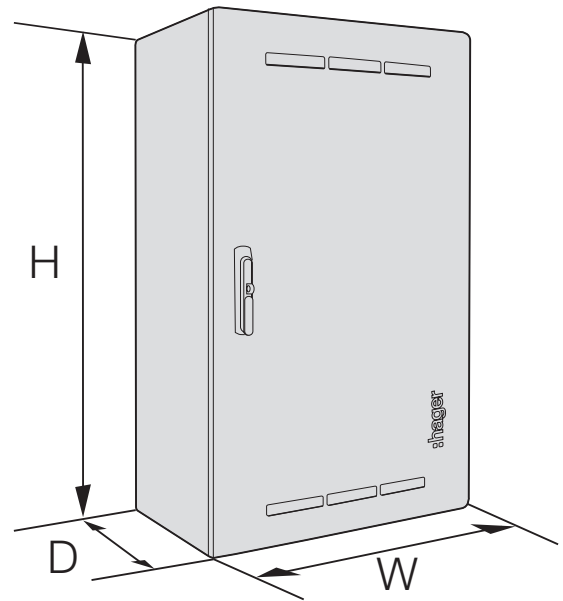
- Enclosure 1.5mm Z275 galvanised steel
- Plinth 1.5mm Z275 galvanised steel
- Powdercoated RAL7035
- Panel - 6mm Black Phenolic Paper Laminated Sheet

Mechanical

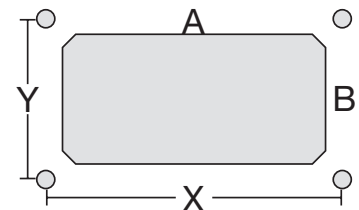
- IP23
- Swing handle door lock (padlock facility included)
- Door Stay
- Sealable escutcheons

Electrical

- Meter neutral link
- Service Protection Device
- Consumer neutral link
- Consumer earth link
- Can be adapted for 1-phase or 3-phase applications



Template for mounting plinth to foundation



Plinth	Dimensions						
	H	W	D	X	Y	A	B
VZGM002	400	625	380	560	260	530	250

All measurements are in mm	Enclosure			Panel			Clearance behind panel	Clearance in front of panel to door	Matching Plinth
	H	W	D	H	W	D			
VYGMN6	1050	625	360	600	600	6	150	175	VZGM002
VYGMN9	1350	625	360	900	600	6	150	175	VZGM002

Features:

Plain undrilled panel - Unwired	Rolled edge cable entry holes
3 Point locking door swing handle & padlock option	Internal and external powdercoating
Sealable escutcheon screws	SPD or subcircuit MCB's are not included
CL001, 92268 or 97000 lock available	Circuit ID holder

Cat. No.	VYGMN6	VYGMN9	
Description	NSW 6 Unwired	NSW 9 Unwired	
Design			
General	Accommodates multiple occupancy metering. Authority wiring area is segregated from consumer wiring. No access to Authority wiring without breaking Authority seal. Enclosure manufactured from non-flammable Galvanised steel. Dimensions behind panel meet all requirements of relevant area SIR Panel can be fixed & sealed in compliance with relevant area SIR No obstruction for movement of the panel in the action of opening or closing		
Construction			
Enclosure	GME enclosures are made from 1.5mm Z275 hot dipped zinc plated steel with additional powder coating of 60micron to meet all corrosion requirements.		
Spread of fire	All openings are well below 5mm to prevent any spread of fire.		
Panel clearances	Clearance behind panel is 150mm. Clearance from panel to enclosure door of 175mm to accommodate all known domestic metering.		
Enclosure Ventilation and condensation drainage	Door is vented, 10mm holes in base for drainage.		
Sealing and locking	Swing handle on door of enclosure can be padlocked. SA comes with a 97000 key lock. Optional key locks CL001 or 92268 available as an accessory.		
Non removable fixed earth stud rear of panel	Permanent earthing facilities are provided		
Door	Hinged door with latch and retainer to retain door in the open position		
External finish	Ripple finish powder coat, 60micron - RAL 7035 (light Grey)		
Enclosure			
Enclosure dimension (mm)	H	1050	1350
	W	625	625
	D	360	360
Wired according to AS/NZS 3000 & relevant SIR	N/A		
Complies with AS/NZS 61439	Y		
Form of construction	Form 1		
IP Rating	IP23		
Meter Panel			
Meter Panel dimension (mm)	H	600	900
	W	600	600
	D	6	6
Vertically hinged	Y		
Pre Drilled holes	Complies to single phase metering footprint, as per relevant area SIR requirements. All holes are chamfered to ensure no sharp edges.		
Material	Reinforced phenolic resin.		
Compliance	Glow wire test to 960°C		
Construction & Supplemental equipment			
Wiring holes	Undrilled black meter panel		
Fixing and Sealing	Panel is right side hinged with removable offset double hinge flap opening >80Deg. Tool req'd to open with separate sealing stud.		
Labelling	Engraved labels with minimum 3mm height lettering. Permanent, legible and convenient		
Mounting of Equipment	Meter panel is designed & arranged for the mounting of Authority equipment only		
Meter Isolator links	Meter Isolator link arrangement on panel as defined in relevant area SIR. Except for SA Meter Isolator uses MSN163 MCB 63A, lockable in OFF position.		
Cable	TriCab LSFLEX®R-30 (X-HF-110), flexible cable 0.6/1kV 110°C Oxygen Index >32, HCL Emission <0.5% Cross-linked, Thermoset, Elastomeric, Flame Retardant, Low Smoke, Zero Halogen Splash resistant to oil, skydrol, petrol, acid, sea water. Resists ozone and UV.		
Active links	NA		
NETEC brand	NA		
Meter Neutral Link 100A Black	(7 x 16mm ²) (10 x 16mm ²)		
Incomer termination	Unwired board, M/S as per installers preference		
Supply Protection Device / Rating	Not supplied		
Tenancy Sub Circuits	Not supplied		
DIN poles / space	32 poles spare		
Plinth	VZGM002 VZGM002		
Plinth dimension (mm)	GME Plinths are made from 1.5mm Z275 hot dipped zinc plated steel with additional powder coating of 60micron to meet all corrosion requirements. With provision for authority seal.		
Plinth dimension (mm)	H	400	400
	W	625	625
	D	380	380