Metering Enclosures and Switchboards

Our Metering Solutions and Switchboards ensure you have everything you need for your next installation. For diverse applications such as single homes or multiple units to commercial buildings, we supply ready to use solutions making your next job quick and simple.

The use of our innovative quadro M and quadro evo Switchboard Systems enable fast and efficient assembly that meet regulations and ensures your large projects are on time and within budget.

01

Page

Metering
enclosures

Metering Enclosures	Residential Meterboxes Page 26	General GMEs Page 30	QLD GMEs Page 31
No. of Meters	Single meter	Unwired - space for 6 or 9	Unwired - space for 8 or 12 Based on maximum meter footprint set out in Table 6.1 of the QLD SIRs
Wired	Unwired	Unwired	Unwired
DIN rail	- VYMBQ / V / NSW 24 pole - VYMB66 supplied with GD10T - VYMBQ-P / VYMBV-P are meters only enclosures.	32 pole	VYGMQ8 - 36 pole VYGMQ12 - 56 poles
Depth	VYMB66 series - 275mm VYMBQ/NSW/V series - 278mm	380mm	380mm
Material	1.2mm galvanised steel	1.5mm galvanised steel	1.5mm galvanised steel
Colour	RAL 7035	RAL 7035	RAL 7035
IP	IP23	IP23	IP23
N & E Links	N&E links with VYMBQ/NSW/V only	Split N&E links with bridged Neutrals	Split N&E links with bridged Neutrals
Doors	Padlockable flush door catch in VYMBQ/NSW/V series	Lockable door with 3 point locking system and padlockable swinghandle	Lockable door with 3 point locking system and padlockable swinghandle VYGMQ8 - Single door VYGMQ12 - Double door

Metering Enclosures	VIC GMEs Page 32	SA GMEs Page 33
No. of Meters	Prewired for 4, 6 or 8 Unwired - space for 6 or 9	Prewired for 4, 6 or 8
Wired	Prewired or unwired	Prewired
DIN rail	VYGMV4 / VYGMV4W - 10 poles VYGMV6 / VYGMV6W / VYGMV8W / VYGMV9 - 14 poles VYGMV3W - 5 poles (VIC SIR Approval #VSIR141216B)	VYGMS4W - 10 poles VYGMS6W / VYGMS8W - 14 poles
Depth	380mm	380mm
Material	1.5mm galvanised steel	1.5mm galvanised steel
Colour	RAL 7035	RAL 7035
IP	IP23	IP23
N & E Links	Split N&E links with bridged Neutrals	Split N&E links with bridged Neutrals
Doors	Lockable door with 3 point locking system and padlockable handle	Lockable door with 3 point locking system and padlockable handle complete with 97000 key lock

Project Solutions

	quadro M Page 40	quadro Switchboards Enclosures Page 40	quadro evo Page 42
No. of Meters	Designed to specification	Designed to specification	Designed to specification
Wired	Prewired	Prewired	Prewired
Depth	150mm or 300mm deep modular frame	405mm depth in enclosure	600mm depth in enclosure
Material	1.6mm galvanised steel	1.6mm galvanised steel	1.6mm galvanised steel
Colour	RAL 7035 or orange	RAL 7035 or orange	RAL 7035
IP	IP30	IP65 - single door IP55 - double door	IP43 - Modular doors IP55 - cover panel with full high door
N & E Links	N&E up to 630A MEN point	N&E up to 630A MEN point	N&E up to 1600A MEN point
Doors	Lockable door with 3 point locking system and padlockable swinghandle	Lockable door with 3 point locking system and padlockable swinghandle	Full high door - 3 point locking system with rotary handle Modular doors - Quarter turn lock with triangular insert

Residential Meterboxes Single Dwelling

Our Residential Meterbox range is designed for single or multi-phase residential and commercial applications. These are suitable for temporary or permanent installations and complies with the Service Installation Rules of each Australian state.

Advantages:

- Strong and reliable

- Safe and easy to use cable management

- Supplied components make the difference

Characteristics:

- 1.2mm Z275 galvanised steel construction

- Powdercoated inside and out in RAL7035 (light grey)

- IP23 enclosure with a flush door catch

- Patented cable retainers

- Large UV stable cable entry

- Knockouts for cable emtry

- Consumer Neutral and Earth Links

- 24 pole DIN full length across

- 12 mod busbar & 18 x pole fillers in state meterboxes

Expert tips

01

Complies with the AS/NZS 3012 standard and meets the requirements of service installation rules of each state.

02

The patented cable retainers have three secure cord rentention areas allowing you to keep the door closed. A SNO15DA DIN mount socket outlet will finish the job nicely.

03

A strong door retainer means the door can remain open when needed, especially helpful during installation and maintenance.

04

The large UV stable sliding cable entry has an easy screw tighten knob to keep cables safe and tidy. Also with rear cable knockouts for the meter section.

05

The N and E links are AS/NZS 61439.3 compliant and provided with RCD expansion to three circuits. Suitable for products with rated current up to 100A.

06

Generous component bag in the state meterboxes containing: 18x pole fillers, single phase 12 mod wide busbar, 2x cable ties and door padlocking kit.

Meterboxes approved for single residential installations.

Common features
- IP23
- 1.2mm galvanised steel chassis

Residential Meterboxes
- padlock knockout on door
- 75mm behind panel
- Supplied with a GD10T
- Unpainted

NSW Meterboxes
- RAL9002 powdercoated
- Flush door catch
- Consumer N&E links

QLD Meterboxes
- RAL7035 powdercoated
- Flush door catch
- Service isolation link
- Consumer N&E links
- Meter Neutral link cover

VIC Meterboxes
- RAL7035 powdercoated
- Flush door catch
- Service fuse
- Consumer N&E links
- Meter Neutral link

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Residential Meterboxes

VYMB66-U

Description	Characteristics	Dimensions (mm)	Cat ref.
Empty enclosure for universal use - 75mm behind panel - Supplied with a GD10T - 3 padlock positions on door	Drilled black panel (with multiple meter/fuse pilot holes)	600h x 600w x 275d	**VYMB66-D**
	Undrilled black panel	600h x 600w x 275d	**VYMB66-U**

QLD Meterboxes

VYMBQ

Description	100A brass terminals	16mm²	25mm²	Dimensions (mm)	Cat ref.
AS/NZS3012 compliant for temp to permanent - 24 pole DIN Rail - Patented cable retainer - Service isolation link - Consumer N&E links AS/NZS 5112 compliant - Meter Neutral link cover	Neutral	21	3	688h x 488w x 278d	**VYMBQ**
	Earth	9	2		
Meters only enclosure - Service isolation link				520h x 488w x 278d	**VYMBQ-P**

NSW Meterboxes

VYMBNSW

Description	100A brass terminals	16mm²	25mm²	Dimensions (mm)	Cat ref.
AS/NZS3012 compliant for temp to permanent - 24 pole DIN Rail - Patented cable retainer - Consumer N&E links AS/NZS 5112 compliant	Neutral	21	3	688h x 488w x 278d	**VYMBNSW**
	Earth	9	2		

VIC Meterboxes

VYMBV

Description	100A brass terminals	16mm²	25mm²	Dimensions (mm)	Cat ref.
AS/NZS3012 compliant for temp to permanent - 24 pole DIN Rail - Patented cable retainer - 12 module busbar - Service fuse holder - Meter Neutral link - Consumer N&E links AS/NZS 5112 compliant	Neutral	21	3	688h x 488w x 278d	**VYMBV**
	Earth	9	2		
Meters only enclosure - Service fuse holder - Meter Neutral link				430h x 488w x 278d	**VYMBV-P**

Accessories

GD10T

Description	Characteristics	Cat ref.
Plastic sub-board	10 module wide DIN rail and no back	**GD10T**
Black panel - Undrilled	Suits VYMB66 series	**VZMB003**
White panel - QLD - Undrilled	Suits VYMBQ series and VYMBNSW	**VZMB001**
White panel - VIC - Undrilled	Suits VYMBV series	**VZMB002**
Replacement door	Suits VYMBQ, VYMBNSW, VYMBV	**VZMB004**
Accessory bag	Suits VYMBQ, VYMBNSW, VYMBV	★ **VZGM012**
H Shape accessory	H Shape intrusion barrier	★ **VZMB009**

Residential
Group Metering Enclosures

Metering
Enclosures

Our range of multi-tenancy metering enclosures are suitable for up to 9 tenants. For general applications, we have a choice of two ready to wire enclosures that will suit up to 6 or 9 meters, with abudant DIN space for Main Switch and Consumer Sub Mains. The robust enclosures are made of galvanised steel with a 3-point locking door, padlock facility or optional key lock cylinder and can either be mounted on a wall or stand alone on a cable access plinth for underground supply.

Residential Group Metering Enclosures

Our range of prewired and unwired enclosures for multiple tenancy installations are constructed with a robust 1.5mm galvanised steel and are complete with Consumer Neutral and Earth links. Prewired metering enclosures are fitted with the relevant tenancy MCBs, Meter Fuse or Meter Isolators, Service Fuse Holders and suitable Main Switches to comply with Supply Authority Rules and Regulations in your state.

Advantages:

- Prewired for single meters only and unwired for multi-metering configurations.

- Key lockable and padlockable

- Tenancy main switch MCBs

- Pre-labelled for SIR compliance

- Consumer neutral and earth links

- Front panel removal for cable access and mounting

Characteristics:

- Protection rating:	- IP23
- Body:	- Galvanised steel Z275
- Body thickness:	- 1.5mm
- Surface finish:	- Powdercoated RAL7035
- Rating:	- 6kA for 0.1 sec

Expert tips

01

Meet the requirements of service and installation rules for each state.

02

Prewired enclosure options available for VIC and SA. Unwired enclosures available for QLD to meet your single phase or 3 phase installation requirements.

03

There is ample DIN space in the board to accomodate tenancy Main Switch and public metering.

04

The slim key lockable handle is also padlockable and has a 3 point locking system for added security

05

Connection points for Neutral, Earth and Active links.

06

Easy to access cables with wall or plinth mounting.

07

Cable tie access points allow easy cable management within the enclosure.

08

Designed with the installer in mind, the easy to install Group Metering Enclosure will save you time.

Enclosure features
- Space for single phase or 3 phase metering
- Lockable
- IP23
- Hinged meter panel
- 32 pole of DIN space
- Consumer Neutral & earth links
- Depth behind panel 150mm
- Clearance front panel to door 175mm

Rating
- 6kA 0.1sec

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

Plinth features
- Removable front panel for easy cable access
- Complete with bolts for mounting
- Provision for Authority seals

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

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VYGMN6

General Unwired Enclosures

Description	Characteristics	Cat ref.
600 x 600 meter panels	- 32 poles of DIN	**VYGMN6**
600 x 900 meter panels	- 32 poles of DIN	**VYGMN9**

VZGM002

Plinths

Description	Cat ref.
Suits VYGMN6, VYGMN9 enclosure - 400mm high	**VZGM002**

VZGM009

Accessories

Description	Characteristics	Cat ref.
Meter panels	Undrilled for 4	**VZGM004**
	Undrilled for 6	**VZGM005**
	Undrilled for 9	**VZGM006**
Universal Insulating panel (Active link)		**VZGM007**
Padlockable swing handle (no key and no cylinder insert)		**VZGM008**
Lock cylinder with key CL001		**VZGM009**
Lock cylinder with key 92268		**FL73Z**
Blank insert		**FL78Z3AU**
Pole fillers (10 pack)		**JP012**

Enclosure features
- Designed to be wall mounted
- Lockable
- IP23
- Hinged meter panel
- Depth behind panel 150mm
- Provision for consumer Neutral & Earth Links
- Segregated area for provision of main incomer
- Space for single and polyphase metering
- Consumer DIN space

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

Accessories
- Joining kit allows 2 enclosures to be joined together
- DIN rail escutcheons can replace the incoming section to DIN section.
- Optional locks - CL001, 92268 or 97000

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QLD Unwired Enclosures

Description	Characteristics	Cat ref.
Single door enclosure	- Meter panel 725H x 725W - 36 poles of DIN space	★ VYGMQ8
Double door enclosure	- 2 x meter panels 725H x 550W ea - 56 poles of DIN space	★ VYGMQ12

VYGMQ8

Accessories

Description	Characteristics	Cat ref.
Joining kit		★ VYGMQJK
DIN rail escutcheon to convert MCCB section to DIN	Suits VYGMQ8 (Extra 34 pole of DIN space)	★ VYGMQ8E
	Suits VYGMQ12 (Extra 56 pole of DIN space)	★ VYGMQ12E
Universal Insulating panel (Active link)		VZGM007
Padlockable swing handle (no key and no cylinder insert)		VZGM008
Lock cylinder with key	CL001	VZGM009
	97000	VZGM010
	92268	FL73Z
Blank insert		FL78Z3AU
Neutral and Earth bar	125A, 24 Tunnel, 16mm² Terminals	★ KP024
	125A, 36 Tunnel, 16mm² Terminals	★ KP036
	Mounting feet for 160A bars	★ KP001
DIn rail kit	Suits incomer section of VYGMQ8 Suitable for 3P MCB (80A-125A)	★ VZGM013
	Suits incomer section of VYGMQ12 Suitable for 3P MCB (80A -125A)	★ VZGM014
Pole fillers (10 pack)		JP012
Accessory bag	Suits VYGMQ8 and VYGMQ12 only	VZGM018
Undrilled black meter panel	Suits VYGMQ8 725mm (H) x 725mm (W)	VZGM015
	Suits VYGMQ12 725mm (H) x 550mm (W)	VZGM016

VYGMQJK

VYGMQ12E

Enclosure features
- Lockable
- IP23
- Consumer Neutral & earth links
- Hinged meter panel
- Depth behind panel 150mm
- SIR compliant labelling
- Segregated area for provision of Supply Capacity Control Device if required

Rating
- 6kA 0.1sec

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

Prewired only features
- Prewired for single phase metering
- Tenancy Sub Main MCBs
- 100A service fuses

Unwired only features
- Space for single phase or 3 phase metering
- Consumer DIN space

Approvals
- VIC SIR Approval #VSIR141216B

Plinth features
- Removable front panel for easy cable access
- Complete with bolts for mounting
- Provision for Authority seals

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

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VYGMV6W

VIC Prewired Enclosures

Description	Characteristics	Cat ref.
For 4 single phase meters - Cables can easily be removed for 2 or 3 tenancy arrangements	- 4 x single phase 40A tenancy MCBs - 4 x 100A meter fuses - 10 poles of DIN (6 spare)	**VYGMV4W**
For 6 single phase meters - Cables can be removed for 5 tenancy	- 6 x single phase 40A tenancy MCBs - 6 x 100A meter fuses - 14 poles of DIN (8 spare)	**VYGMV6W**
For 8 single phase meters - Cables can be removed for 7 tenancy	- 8 x single phase 40A tenancy MCBs - 8 x 100A meter fuses - Space for public meter - 14 poles of DIN (6 spare)	**VYGMV8W**
For 3 three phase meters - Cables can be removed for 2 tenancy	- 3 x 100A meter fuses - 3 x three phase 32A tenancy MCB's - 5 pole of DIN space	★ **VYGMV3W-3P**

VYGMV6W

VIC Unwired Enclosures

Description	Characteristics	Cat ref.
600 x 600 meter panels	- 10 poles of DIN	**VYGMV4**
600 x 600 meter panels	- 14 poles of DIN	**VYGMV6**
600 x 900 meter panels	- 14 poles of DIN	**VYGMV9**

VZGM002

Plinths

Description	Cat ref.
Suits VYGMV4W enclosure - 400mm high	**VZGM001**
Suits VYGMV6W, VYGMV8W, VYGMV6, VYGMV9 enclosure - 400mm high	**VZGM002**

VZGM009

Accessories

Description	Characteristics	Cat ref.
Meter panels	Undrilled for 4	**VZGM004**
	Undrilled for 6	**VZGM005**
	Undrilled for 9	**VZGM006**
Universal Insulating panel (Active link)		**VZGM007**
Padlockable swing handle (no key and no cylinder insert)		**VZGM008**
Lock cylinder with key CL001		**VZGM009**
Blank insert		**FL78Z3AU**
Neutral lock bar		**VZMB005**
Pole fillers (10 pack)		**JP012**

Subject to technical modification / ★ New ✕ Ended → Replacement

Enclosure features
- Prewired for single phase metering
- Lockable
- IP23
- Consumer Neutral & earth links
- Hinged meter panel
- Depth behind panel 150mm
- SIR compliant labelling
- Segregated area for provision
  of Supply Capacity Control
  Device if required

Rating
- 6kA 0.1sec

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

Plinth features
- Removable front panel for
  easy cable access
- Complete with bolts for mounting
- Provision for Authority seals

Material
- 1.5mm Galvabond Z275

Finish
- Powdercoated RAL 7035

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SA Prewired Enclosures

Description	Characteristics	Cat ref.
For 4 single phase meters - Cables can easily be removed for 2 or 3 tenancy arrangements	- 100A MCCB Main Switch - 4 x single phase 63A tenancy MCBs - 4 x single phase 63A MCB meter isolators - 10 poles of DIN (6 spare)	**VYGMS4W**
For 6 single phase meters - Cables can be removed for 5 tenancy arrangement	- 125A MCCB Main Switch - 6 x single phase 63A tenancy MCBs - 6 x single phase 63A MCB meter isolators - 14 poles of DIN (8 spare)	**VYGMS6W**
For 8 single phase meters - Cables can be removed for 7 tenancy arrangement	- 125A MCCB Main Switch - 8 x single phase 63A tenancy MCBs - 8 x single phase 63A MCB meter isolators - 14 poles of DIN (6 spare)	**VYGMS8W**

VYGMS6W

Plinths

Description	Cat ref.
Suits VYGMS4W enclosure - 400mm high	**VZGM001**
Suits VYGMS6W, VYGMS8W enclosure - 400mm high	**VZGM002**

VZGM002

Accessories

Description	Characteristics	Cat ref.
Meter panels	Undrilled for 4	**VZGM004**
	Undrilled for 6	**VZGM005**
	Undrilled for 9	**VZGM006**
Universal Insulating panel (Active link)		**VZGM007**
Padlockable swing handle (no key and no cylinder insert)		**VZGM008**
Lock cylinder with key 97000		**VZGM010**
Blank insert		**FL78Z3AU**

VZGM010
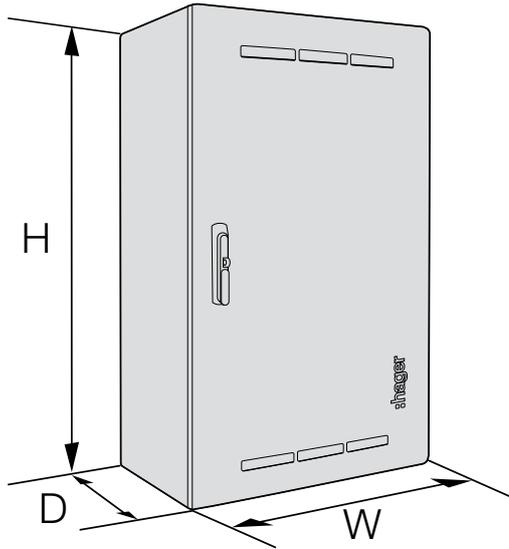
	VIC	QLD	NSW	ACT	General purpose (600 x 600)
24P DIN / Temp to Perm.	VYMBV	VYMBQ	VYMBNSW	VYMBNSW	
10P DIN	-		VYMB66-D	VYMB66-D	VYMB66-U
Meters only	VYMBV-P	VYMBQ-P	VYMBQ-P	VYMBQ-P	

Dimensions (mm)	Enclosure			Panel			Depth behind panel
	H	W	D	H	W	D	
VYMB66	605	605	275	575	560	6	75
VYMBQ	688	488	278	480	460	6	75
VYMBQ-P	520	488	278	480	460	6	75
VYMBNSW	688	488	278	480	460	6	75
VYMBV	688	488	278	400	380	6	75
VYMBV-P	430	488	278	400	380	6	75

*Height of cable entry cover on top of enclosure = 9mm

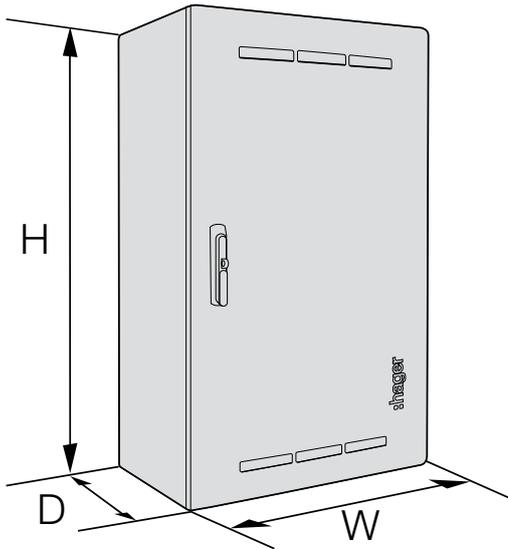|	VYMB66-D (Drilled panel) VYMB66-U (Undrilled panel)	VYMBQ - with 24 pole DIN VYMBQ-P - Panel only	VYMBNSW - with 24 pole DIN	VYMBV - with 24 pole DIN VYMBV-P - Panel only
Material	1.2mm Z275 galvanised steel	1.2mm Z275 galvanised steel	1.2mm Z275 galvanised steel	1.2mm Z275 galvanised steel
Colour	Unpainted	Powdercoated RAL7035 (light grey)	Powdercoated RAL7035 (light grey)	Powdercoated RAL7035 (light grey)
Panel	Black - pre-drilled (-D) Black - undrilled (-U)	White BMC with cable knockouts	Black - predrilled	White BMC with cable knockouts
IP rating	IP23	IP23	IP23	IP23
Cable entries	Top and bottom entry and rear knockouts	6 rear knockouts into meter section and 115mm W cable entry on top	6 rear knockouts into meter section and 115mm W cable entry on top	6 rear knockouts into meter section and 115mm W cable entry on top
Electrical	- GD10T surface mount enclosure - 6mm Earth crimp lug	- Clear service isolation link fitted - Consumer neutral link - 3 x RCD Neutral links - Earth link	- Consumer neutral link - 3 x RCD Neutral links - Earth link	- Sealable meter neutral link - Sealable service fuse holder - Consumer neutral link - 3 x RCD Neutral links - Earth link
Component Bag	N/A	**VYMBQ only:** 20 x pole fillers 12 pole busbar (KDN180A) 3 x cable ties Door padlock kit 1 x 6mm cable lug 1 x sheet vinyl circuit ID labels 1 x meter neutral link cover	**VYMBNSW:** 18 x pole fillers 12 pole busbar (KDN180A) Cable ties Door padlock kit 1 x 6mm cable lug 1 x sheet vinyl circuit ID labels	**VYMBV only:** 18 x pole fillers 12 pole busbar (KDN180A) Cable ties Door padlock kit 1 x 6mm cable lug 1 x sheet vinyl circuit ID labels
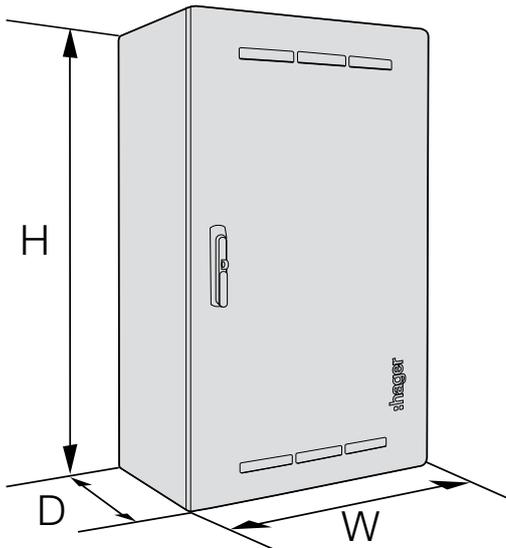
Dimensions (mm)	Enclosure			Panel			Clearance behind panel	Clearance in front of panel to door	Matching plinth
	H	W	D	H	W	D			
VYGMN6	1150	625	360	600	600	6	150	175	VZGM002
VYGMN9	1350	625	360	900	600	6	150	175	VZGM002
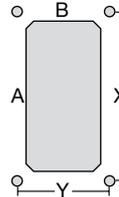
Plinth	Dimensions						
	H	W	D	X	Y	A	B
VZGM002	400	625	360	560	260	530	250

**NOTE: For metering layout possibilities,
please contact your local Hager Representative.**

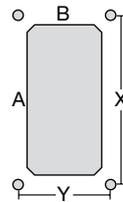| Cat. No.	VYGMN6	VYGMN9
Description	**General 6 Unwired**	**General 9 Unwired**
Design		
General	Accommodates multiple occupancy metering.	
	No access to Authority wiring without breaking Authority seal.	
	Enclosure manufactured from non-flammable Galvanised steel.	
	Dimensions meet all requirements 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. Optional key locks CL001, 97000 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		
Form of construction	Form 1	Form 1
IP Rating	IP23	IP23
Meter Panel		
Vertically hinged	Y	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 960ºC	
Construction & Supplemental equipment		
Wiring holes	Panel wiring holes are pre-moulded into panel (sealed) with "knock-out" membrane	
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.	
Mounting of Equipment	Meter panel is designed & arranged for the mounting of Authority equipment only	
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 NETEC brand	NA	NA
Meter Neutral Link 100A Black	(7 x 16mm²)	(10 x 16mm²)
Incomer termination	Unwired board, M/S as per installers preference	Unwired board, M/S as per installers preference
Supply Protection Device / Rating	Not supplied	Not supplied
Tenancy Sub Circuits	Not supplied	Not supplied
Plinth	VZGM002	VZGM002

Dimensions (mm)	Enclosure			Panel			Clearance behind panel	Clearance in front of panel to door
	H	W	D	H	W	D		
VYGMQ8	1177	750	360	725	725	6	150	175
VYGMQ12	1177	1140	360	2 x 725	2 x 550	6	150	175

NOTE: For metering layout possibilities, please contact your local Hager Representative.

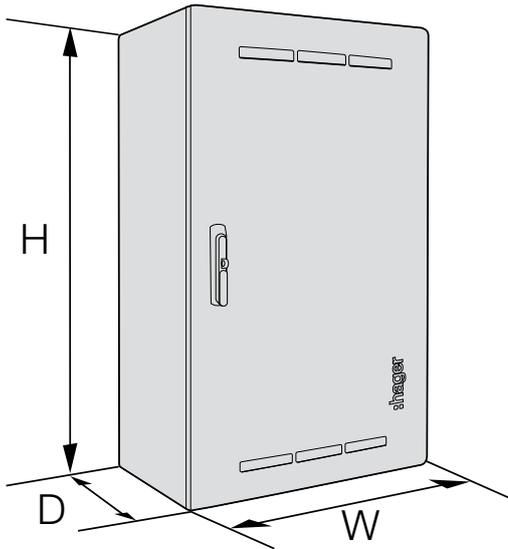| Cat. No.	VYGMQ8	VYGMQ12
Description	**QLD 8 Unwired**	**QLD 12 Unwired**
Design		
General	Accommodates multiple occupancy metering.	
	Authority wiring area is segregated from consumer wiring.	
	No access to Authority wiring without breaking Authority seal.	
	Enclosure manufactured from non-flammable Galvanised steel.	
	Dimensions 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. Optional key locks CL001, 97000 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		
Form of construction	Form 1	Form 1
IP Rating	IP23	IP23
Meter Panel		
Vertically hinged	Y	Y
Material	Reinforced phenolic resin.	
Compliance	Glow wire test to 960ºC	
Construction & Supplemental equipment		
Wiring holes	Ø32mm panel wiring holes are pre-moulded into panel (sealed) with "knock-out" membrane	
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	
Active links NETEC brand	NA	NA
Meter Neutral Link 100A Black	(7 x 16mm²)	(10 x 16mm²)
Incomer termination	Unwired board, M/S as per installers preference	Unwired board, M/S as per installers preference
Supply Protection Device / Rating	Not supplied	Not supplied
Tenancy Sub Circuits	Not supplied	Not supplied
DIN poles / space	36 poles spare	56 poles spare
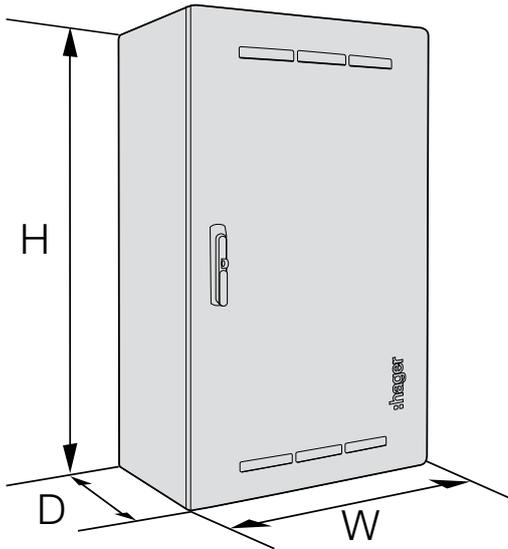
Dimensions (mm)	Enclosure			Panel			Clearance behind panel	Clearance in front of panel to door	Matching plinth
	H	W	D	H	W	D			
VYGMV4W	1050	440	360	600	415	6	150	175	VZGM001
VYGMV6W	1050	625	360	600	600	6	150	175	VZGM002
VYGMV8W	1350	625	360	900	600	6	150	175	VZGM002
VYGMV3W-3P	1050	625	360	600	600	6	150	175	VZGM002
VYGMV4	1050	440	360	600	415	6	150	175	VZGM001
VYGMV6	1050	625	360	600	600	6	150	175	VZGM002
VYGMV9	1350	625	360	900	600	6	150	175	VZGM002

Plinth	Dimensions						
	H	W	D	X	Y	A	B
VZGM001	400	440	360	375	260	345	250
VZGM002	400	625	360	560	260	530	250

NOTE: For metering layout possibilities, please contact your local Hager Representative.

Cat. No.	VYGMV4	VYGMV6	VYGMV9	VYGMV4W	VYGMV6W	VYGMV8W	VYGMV3W-3P
Description	**VIC 4 Unwired**	**VIC 6 Unwired**	**VIC 9 Unwired**	**VIC 4 Wired**	**VIC 6 Wired**	**VIC 8 Wired**	**VIC 3 Wired**

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 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. Optional key locks CL001, 97000 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

Form of construction	Form 1	Form 1	Form 1	Form 1	Form 1	Form 1	Form 1
IP Rating	IP23	IP23	IP23	IP23	IP23	IP23	IP23

Meter Panel

Vertically hinged	Y	Y	Y	Y	Y	Y	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 960ºC						

Construction & Supplemental equipment

Wiring holes	Panel wiring holes are pre-moulded into panel (sealed) with "knock-out" membrane.						
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 isolation fuse arranged on panel as defined in Victorian SIRs						
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 NETEC brand	NA	NA	NA	NA	NA	NA	NA
Meter Neutral Link 100A Black	(5 x 16mm²)	(7 x 16mm²)	(10 x 16mm²)	(5 x 16mm²)	(7 x 16mm²)	(10 x 16mm²)	(7 x 16mm²)
Incomer termination	Unwired board, M/S as per installers preference			Direct connect to 125A DIN Terminal Block - Hager KRN199 - ≤35mm² flexible cable			
Supply Protection Device / Rating	Not Supplied	Not supplied	Not supplied	LH901 / 100A	LH901 / 100A	LH901 / 100A	LH901 / 100A
Tenancy Sub Circuits	Not supplied	Not supplied	Not supplied	4 x MSN140 / 40A	6 x MSN140 / 40A	8 x MSN140 / 40A	3 x MSN332 / 32A
Plinth	VZGM001	VZGM002	VZGM002	VZGM001	VZGM002	VZGM002	VZGM002
	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.						

Dimensions (mm)	Enclosure			Panel			Clearance behind panel	Clearance in front of panel to door	Matching plinth
	H	W	D	H	W	D			
VYGMS4W	1150	440	360	590	415	6	150	175	VZGM001
VYGMS6W	1150	625	360	600	600	6	150	175	VZGM002
VYGMS8W	1350	625	360	900	600	6	150	175	VZGM002

Plinth	Dimensions						
	H	W	D	X	Y	A	B
VZGM001	400	440	360	375	260	345	250
VZGM002	400	625	360	560	260	530	250

NOTE: For metering layout possibilities, please contact your local Hager Representative.

Cat. No.	**VYGMS4W**	**VYGMS6W**	**VYGMS8W**
Description	**SA 4 Wired**	**SA 6 Wired**	**SA 8 Wired**
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 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. Comes fitted with 97000 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			
Wired according to AS/NZS 3000 & relevant SIR	Y	Y	Y
Complies with AS/NZS 61439	Y	Y	Y
Form of construction	Form 1	Form 1	Form 1
IP Rating	IP23	IP23	IP23
Meter Panel			
Vertically hinged	Y	Y	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 960ºC		
Construction & Supplemental equipment			
Wiring holes	Panel wiring holes are pre-moulded into panel (sealed) with "knock-out" membrane		
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 NETEC brand	NA	NA	NA
Meter Neutral Link 100A Black	(5 x 16mm^2)	(7 x 16mm^2)	(10 x 16mm^2)
Supply Protection Device / Rating	HHA100U	HHA125U	HHA125U
Tenancy Sub Circuits	4 x MSN140 / 40A	6 x MSN140 / 40A	8 x MSN140 / 40A
Plinth	VZGM001	VZGM002	VZGM002
	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.		

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Modular Switchboard System

Flexible switchboard solution

From a simple metering panel to a main switchboard designed for up to 630A, our quadro M Modular Switchboard System offers a diverse range of options for power distribution in all multi-residential and commercial applications.

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quadro M Enclosures have a welded galvanised steel construction and the complete quadro M range is finished off with a RAL7035 ripple powdercoating.


Full suite of devices

We provide a full solution of modules and kits including CT Chambers, Panelboard Kits, Main Switch Modules and Authority Modules which can be fully assembled, wired and fitted within the enclosure, tested and delivered to site.

Quotation service

Our team can provide you with technical and cost effective quoting solutions to single line diagram / quote requests backed by PowerCAD industry leading electrical software. For project quotes and to receive our Project Pricing Request Form, please contact us on **1300 850 253.**
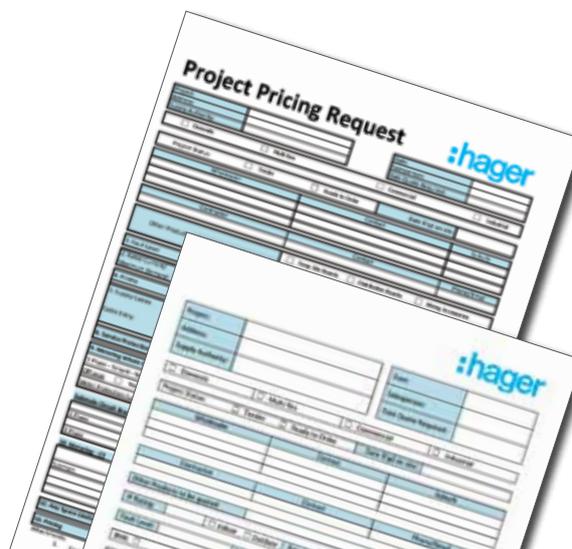
quadro evo and h3+
Modular Switchboard System

A system evolved

quadro evo is our Main Switchboard for up to 1600A, suitable for large projects and provides more options of application. The system offers robustness, ease and flexibility of installations.

h3+ inside

With h3+ as a backbone, your electrical main distribution will have more capabilities, intelligence and safety options.

More space

The new quadro evo design offers accessibility and working space for better switchgear and cable installation as well as better busbar work and maintenance.

The complete choice

quadro evo offers 4 safety classes. With segregations 1, 2b, 3b, or 4b, there is a solution for projects of any dimensions.

Quotation service

Our team can provide you with technical and cost effective quoting solutions to single line diagram / quote requests backed by PowerCAD industry leading electrical software. For project quotes and to receive our Project Pricing Request Form, please contact us on **1300 850 253.**