

Residential Commercial

brenclosures.com.au



About B&R Enclosures

Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learned in that time, we've poured into our products and relationships.

As a 100% Australian, family-owned business, B&R champions the virtues of quality, service and value. Combined with our unrivalled industry and application knowledge, we are in a unique position to meet the needs of our clients. The company encompasses four divisions: Industrial, Data ICT, Hazardous Areas and Residential Commercial.

Each division focuses on the unique needs of different market segments. Together, these divisions share the strengths, resources and experience of the founding company to provide attentive customer service, innovative design and superior quality products at a competitive price.

Quality is assured with B&R's certification to ISO9001. B&R is also accredited by the Australian Stainless Steel Association as a superior producer of stainless steel products, working to industry best practice. Our occupational health and safety management system is certified to AS/NZS4801.

At B&R, we are justifiably proud of our products, and we strive to ensure that you have what you need, when you need them. We have a network of offices and distributors throughout Australia, New Zealand and internationally. Wherever you are, you will be able to buy B&R products nearby.

Disclaimer

This catalogue has been prepared specifically for customers of the publisher and as a general reference only. B&R Enclosures Pty Ltd engages in a policy of continuous development and improvement of its products and reserves the right to alter, add and/or delete specifications of any products or equipment without notice and without incurring liability. The publisher and any party associated with the production of this catalogue do not accept any responsibility or liability whatsoever (to the extent permitted by law) for any inaccuracy, error, misinformation or misleading statements, whether negligently caused or otherwise, contained in this publication. This publication is protected by copyright and may not be reproduced or copied (using any method of reproduction or copying), sold, transmitted, circulated or otherwise forwarded to third parties, in whole or part, without prior written consent of the author. All registered trademarks and product names appearing herein are the property of the respective owners.

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Business Overview

Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learned in that time, we've poured into our products and relationships.

B&R Enclosures was founded by Dick Bridges in 1955, specialising in sheet metal fabrication, including electrical enclosures for domestic metering applications.

With little capital but great enthusiasm for operating his own business and a determination to succeed, Dick commenced operations in his backyard in Adelaide, South Australia.

It was this family determination that has sustained B&R's growth into manufacturing plants in Brisbane, Adelaide and Sydney, 8 locations nationally and an international network of distributors.

As a 100% Australian, family-owned business, B&R champions the virtues of quality, service and value. Combined with our unrivalled industry and application knowledge, we are in a unique position to meet the needs of our clients.

B&R Enclosures encompasses four divisions: Industrial, Data ICT, Hazardous Areas and Residential Commercial. Each division focuses on the unique needs of different market segments. Together, these divisions share the strengths, resources and experience of the founding company to provide

attentive customer service, innovative design and superior quality products.

Some of the largest companies around the world use B&R as a major supplier. These include BHP Billiton, Rio Tinto and the Australian government to name a few. We have enjoyed repeat business with the world's leading mining companies for over 20 years.

B&R Enclosures can offer extensive supply chain capabilities featuring supply from stock (ex our national warehouse network), supply of assembled to order solutions with short lead times, value adding services and cooperation with other suppliers to allow for integration of third party products into enclosures, racks or cabinets prior to shipment.

B&R is also experienced in arranging specialised freight, product delivery, installation and removal of packaging. We measure our service performance and can provide regular written reports if required. B&R also provides key account management and project management to ensure that we clearly understand and can anticipate the ongoing needs of our customers.

Our Vision

Our commitment to supporting the community, locally and abroad is fundamentally grounded first and foremost in safety. Across all our projects we work to eliminate risk by ensuring that our products will both protect and maintain valuable assets but most importantly, keep people safe. With a growing plethora of electrical enclosure solutions available on the market and increasingly tough rules surrounding the safety and reliability of electrical installations, we go beyond just compliance to making safety the heart of our culture.

As a specialist manufacturer and supplier, we meet this challenge head on, providing an integrated approach to the delivery of complex projects requiring close collaboration and expertise. We proudly prioritise safety in all project planning and installation, from construction to completion. This allows B&R a reputation for excellence in providing greater certainty and value in the performance of project operations and facilities.

Our Core Values

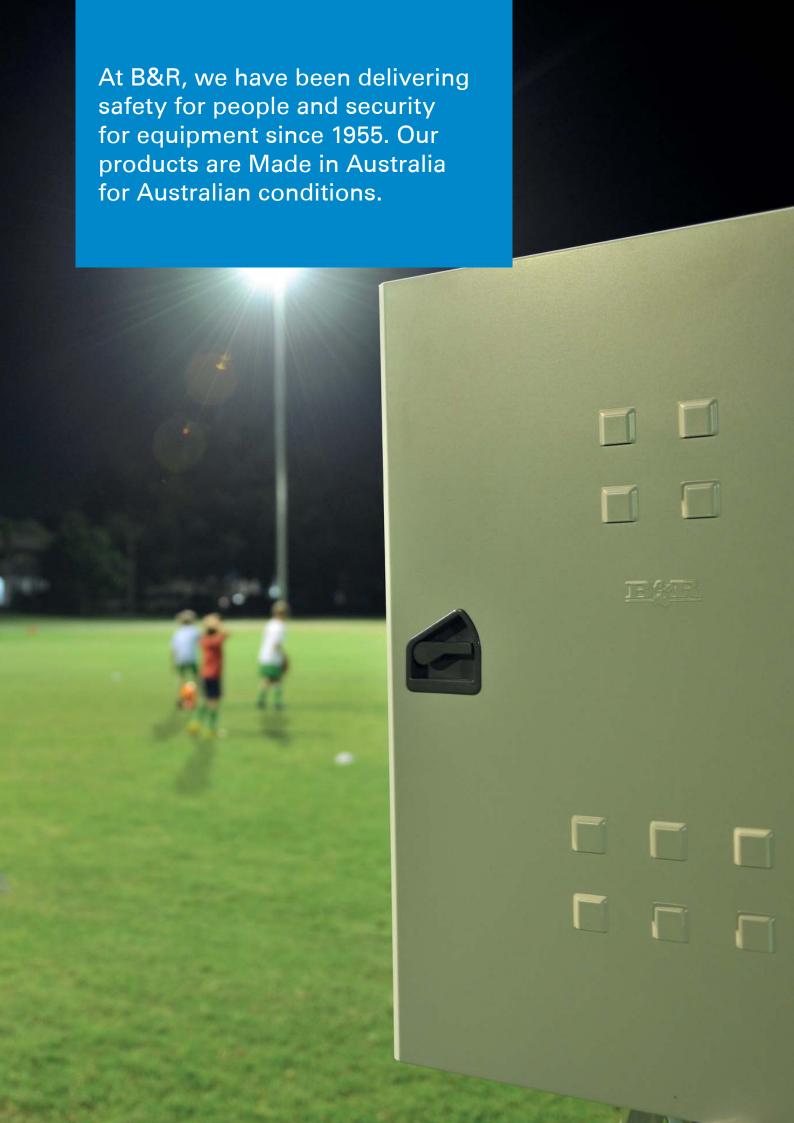
Building Trust - We ensure that our employees (both internal and external) are trusted by customers as a partner who listens to their needs in order to meet their expectations in a reliable and consistent manner.

Commitment to Quality - We ensure we adhere consistently to standards to satisfy customer and user requirements whilst producing and providing products and services of the highest quality.

Participation - Collaboration plays an important role in generating creative thinking and problem solving.

Enthusiastic - Empowered to seek new opportunities to innovate and improve the B&R experience.

Ethical - An honorable approach underpins the core values and decision making made across all areas of the B&R business.



Product Solutions

B&R are proud to have supplied the Australian market with distinctive solutions to all Residential and Commercial applications. Our indepth experience and knowledge of the various State Authorities' requirements, provides our customers with the knowledge that using our products delivers Safety, Simplicity, Quality and Confidence of Compliance with regulations. Fully assembled and wired solutions are available for more complex installations, providing customers with turnkey delivery.

At B&R, we not only manufacture and supply a range of enclosure solutions, but we can also customise the design to be 100% fit-for-purpose and ready for installation.

We offer a range of services to assist you when customising standard product to ensure that you have a product ready for installation. We understand that time is a major consideration on any project and we work with our customers to provide products on time and on budget.

We have established two value add divisions located within our manufacturing facilities at Heathwood, Brisbane and Riverwood, Sydney. We also have an established design and engineering division who will work with you to customise any standard product to ensure you have a product to suit your application requirements.

Our Services include:

- Door cutouts
- Cable entries
- · Terminals and controls fitted
- Viewing windows
- · Customised wiring
- Vent kits / sunshields fitted or punched
- · Assembled-to-order / fitting of accessories

What this means for our customers:

- · Customised product to suit the project
- Shorter lead times
- Available for small or large quantities
- One point of contact
- Standard product straight off the floor











Industrial

Process Automation & Control Junction & Marshalling Power Distribution Motor Control Climate Control

Data & ICT

Networking & Server
Containment & Caging
High Security/SCEC
Cooling & Efficiency
Small Office/Home Office
Telecommunications Solutions
Power Distribution

Our Customers



Some of the largest companies around the world use B&R as a major supplier. These include Telstra, NBN and the Australian Government to name a few. B&R Enclosures fosters longstanding partnerships with our clients, ensuring that we understand their evolving needs and business drivers.

Major EPCMs & Consultants

- AG & P, Philippines
- CUEL, Thailand
- STP & I, Thailand
- Samsung Heavy Industries, Korea (SHI)
- Daewoo Shipbuilding & Marine Engineering
- CH2MHiII USA
- Bechtel, USA / Saudi Arabia
- · Technip, Malaysia
- Mitsubishi Heavy Industries, Japan (MHI)
- Japan Gas Corporation (JGC)
- Toyo Engineering, Japan / Thailand
- Chiyoda Corporation, Japan
- CB & I, USA
- Kellogg, Brown and Root (KBR)
- Worley Parsons, Australia
- · Lycopodium, Australia
- Mott McDermott, Oman
- · Ansaldo, Italy
- Fluor Corporation, USA / Phillipines
- Samsung C & T, Korea
- Petrofac Corp, UAE

Major End Users

- ADNOC, Abu Dhabi
- KOC, Kuwait
- KNPC, Kuwait
- INPEX, Japan
- Petroleum Development, Oman
- ADGAS, Abu Dhabi
- ADCO, Abu Dhabi
- Takreer, Abu Dhabi
- Occidental Oil, Qatar
- Qatar Petroleum
- SABIC, Saudi Arabia
- MAADEN (Mining), Saudi Arabia
- ARAMCO, Saudi Arabia
- Shell, Australia / Sarawak
- BP, Australia
- Rio Tinto Mining
- BHP Mining
- FMG Mining
- NBN Co, Australia
- Ashanti Mining, Africa
- · Petronas, Malaysia







Residential Commercial

Power Distribution Group / Commercial Metering Home Networking

Hazardous Areas

Exe & Exd Enclosures Lighting Weatherproof Plugs & Sockets

Product Catalogue Selection Guide



POWER DISTRIBUTION

Power distribution is the process of moving electricity from the locations at which it is generated to the end users.



Suitable for facilitating the measuring of gas, water and electricity.



HOME NETWORKING

Suitable for facilitating communication among digital devices present inside or within the close vicinity of a home.

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Product Catalogue

Selecting the Right Enclosure





SUPPLY AUTHORITY REQUIREMENTS

Each state in Australia has specific regulations and requirements. These are important when selecting an enclosure solution.



PROTECTION RATING

Indicates the degree of protection of an electrical enclosure against intrusion of foreign bodies (dust, dirt, water).



INSTALLATION PARAMETERS

The installation parameters include where, how and what available space there is. This will determine the correct enclosure solution.



DESIGN COMPLIANCE

When designing a system product, compliance is essential. At this stage of the buying process, the choosing of a solution is based on several criteria.



CONNECT & COMMISSION

The solution provided by B&R is now ready for connection and commission stage



DELIVERY

At B&R, we have four (4) manufacturing supply options (see below for more information). These options ensure that our most common products are available direct from B&R when you need them. When you place your order, our customer service team will advise you of the delivery time.



SUPPLY CONFIGURATIONS

Choose from three (3) supply configurations including:

- Loose
- Metal ware assembled; or
 Fully assembled and wired



WHERE TO BUY

At B&R we utilise a range of channels where our customers can buy our product. For residential commercial products we utilise a distribution network of electrical wholesalers.

OUR SUPPLY STRATEGIES



Made to Stock

These products are available ex stock from all our sales & warehousing branches. Contact your local sales representative to discuss requirements.



Assembled-to-Order

These products are assembled to order upon receipt of a customer order. All components required to build an ATO item cannot be sold seperately and must form part of a kit. Standard lead time is 4-6 weeks from date of order.



Made to Order

These products are manufactured according to a customer's specification. They are marked in our catalogues as "▲ Available on request" and have a standard lead time of 2-3 weeks.



Engineered-to-Order

These products are a custom designed product that is 100% fit-for-purpose, delivered onsite and ready for installation. Our design & engineering team can customise an enclosure to suit the application requirements. Contact us for more information.

WHERE TO BUY?



With a large selection of online distribution partners, our enclosures are available to purchase online.

Visit brenclosures com au/online htm



Instore

Electrical wholesalers are our main channel to market with a location near you.

Visit electrical-wholesaler.com.au to find your local store.

B&R's HDC enclosures provide a solution for Fibre-To-The-Home (FTTH) connectivity, suitable for fibre and copper cables. They can be either surface or flush mounted. These enclosures meet the guidelines outlined in NBN's Residential Preparation and Installation Guidelines.

home networking enclosures

Are you NBN ready?





Features of the HDC Enclosure.





Mounting positions & holes for PSU and NTD Mounting position with screws for standard NBN NTD enclosure fitting.



Hinged mounting pan allows easy access behind mounting to route fibre to NTD enclosure.



Supplied with double GPO specific models are supplied with double GPO compliant with AS/NZS3000.



Industry standard 6" hole pattern for flexible third party equipment.



Supplied with one 8-port patch unit with no additional costs for small patching requirements. On selected models only.



4mm diameter bursts for easy mounting of DIN rail.



Cable entries provide pre-punched knockouts for easy cable access.



Power supply unit mounting position for NBN battery backup power supply.



Home Networking Enclosures

Internal use cabinets













- A solution for Fibre-To-The-Home (FTTH) connectivity.
- Suitable for both fibre and copper lines.
- Can be surface or flush mounted.
- Mounting positions and holes for PSU and NTD enclosure.
- Easy mounting of DIN rail.
- Space for additional port patch panels.
- Industry standard 6 inch hole pattern.
- Mounting position for NBN battery back up power supply.
- Acrylic front door for Wi-Fi signal.
- Manufactured from 1.0 zinc coated steel.
- Powdercoated Traffic White RAL9016.







ORDERING GUIDE

		Ir	nclusions	_	Dime	ensions ((mm)	Window Op	ening (mm)	Mounting C	entres (mm)
Product	Part Number	GPO	Patch panel	DoorType	Height (A)	Width (B)	Depth (C)	Height (D)	Width (E)	Height (F)	Width (G)
Basic enclosure	NBN-HDC01			Window	650	380	120	-	-	547	150
basic enclosure	NBN-HDC02			Window	1000	380	120	-	-	897	150
	NBN-HDC10	•	•	Window	650	380	130	520	255	540	150
	NBN-HDC13	•		Window	650	380	130	520	255	540	150
	NBN-HDC20	•	•	Window	1000	380	130	852	255	850	150
Fully featured	NBN-HDC23	•		Window	1000	380	130	852	255	850	150
rully leatured	NBN-HDC15	•	•	Metal	650	380	130	-	-	540	150
	NBN-HDC17	•		Metal	650	380	130	-	-	540	150
	NBN-HDC25	•	•	Metal	1000	380	130	-	-	850	150
	NBN-HDC27	•		Metal	1000	380	130	-	-	850	150

01 002 10 113 17 17 17 20 20 22 23 27

Product	Description	Part Number	NBN-HDC		BN-HD	BN-HDC	BN-HDC	NBN-HDC	BN-HDC	BN-HDC	BN-HDC	BN-HDC
Flush kit	Suitable for 650mm high enclosures	NBN-HDCFK1	•		•	•	•	•				
Flush kit	Suitable for 1000mm high enclosures	NBN-HDCFK2		•					•	•	•	•

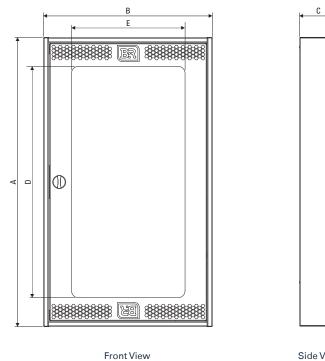


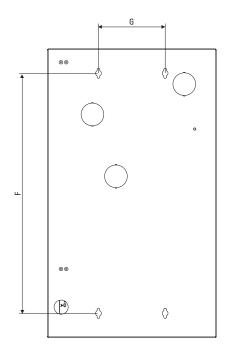
NBN-HDCFK1

Home Networking Enclosures Internal use cabinets



TECHNICAL DRAWINGS





Home Networking Enclosures

External use cabinets















- Suitable for most home networking applications.
- A solution for Fibre-To-The-Home (FTTH) connectivity.
- Can be mounted directly under any 485mm wide Horizon series of enclosures.
- Options of a double GPO and 5 x RJ45 Cat6 outlets or metal mounting pan only.
- HZN/COM1 Opitcomm approved HZN/COM2 & 3 - OPENetworks approved
- Manufactured from 1.0mm zinc coated steel.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Dime	mm)	
Part Number	Inclusions	Height	Width	Depth
HZN/COM1	Metal mounting pan	430	485	200
HZN/COM2 [†]	Double CDO Exp B 14E Cotto outlete injug conthing in sint	515	485	200
HZN/COM3 [†]	Double GPO, 5 x RJ45 Cat6 outlets, plus earthing point	600	485	200

[†]While stocks last

INSTALLATION ACCESSORIES

Part Number	Description	HZN/COM1	HZN/COM2	HZN/COM3
HZN/JK2 [†]	Mounting bolt kit	•	•	•

[†]While stocks last

Project Profile



Network Termination Device NBN

THE PROJECT

B&R Enclosures won a competitive tender with NBN, to design and supply network termination devices to be included in the FTTH roll-out around Australia. The design solution prioritised operational performance, aesthetics of the home and usability for homeowner and contractor.

Over the last 5 years, B&R Enclosures and NBN have built a strong supply partnership prioritising innovative design, supply reliability and consistent high quality.

Major supply contracts have included services such as value-add wiring of network enclosures, the design and manufacture of an enclosure for the housing of the network termination device and power supply to be installed in customer premises.

The network termination device (NTD) project required B&R to undertake extensive research into the needs of installers and home owners to provide an innovative, visually appealing, small enclosure that met demanding specifications for temperature control, cable management, ease of access and safety.

Made from injection-moulded polycarbonate plastic, the design material selected needed to fulfil a broad range of factors, not only in terms of production scale, but more importantly in usability. Situated in Australian homes, the enclosure design safely protects the user from exposed cables, whilst still maintaining easy access for telecommunications contractors.

Performance measures for the enclosure were repeatedly tested as part of the quality control process at B&R Enclosures. Impact durability and heat resistance testing were key factors in ensuring service reliability and longevity for the homeowner and NBN.











As an Australian owned and operated company, the ability for NBN to have a close working relationship and access to dedicated project management personnel from design through to supply, made B&R a competitive supplier in the field. B&R's supply chain partnerships with other local providers, meant that the entire value chain could be flexible in responding to the changing supply and design demands.

B&R's risk-weighted, entrepreneurial approach to continually investing in people skills, business capability and world class innovative manufacturing technology was essential for meeting the demanding requirements of NBN.



This was recognised in early 2014 when B&R was awarded NBN Chairman's Award for Supplier Excellence and Innovation.



Ausrack Wall onyX

19 inch wall mount cabinets









- Suitable for housing networking equipment including patch panels, modems and routers.
- Designed to be used in home automation and home theatre applications.
- Wall mounted cabinets that are easy-to-install.
- Provide maximum accessibility for maintenance.
- Rear swing frame on selected models, allowing access to the rear of the enclosure.
- Manufactured from 1.2mm SPCC rolled steel.
- Powdercoated textured matt black.

Comes standard with:

- Lockable swing frame
- Safety glass keylockable door
- Adjustable 19" mounting rails
- Key locks on front and side panels
- Fixed shelf

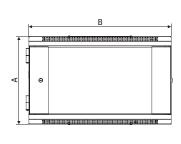


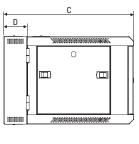
ORDERING GUIDE

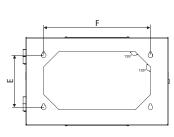
			Ex	ternal Din	nensions (mm)		Mounting Co	entres (mm)	_	
Part Number	RU	Height (A)	Width (B)	Depth (C)	Swing Frame (D)	Enclosure Depth	Height (E)	Width (F)	Fixed Shelf	Weight (kg)
ARWX6U450NF	6	370	600	450	-	450	220	450	1	18.0
ARWX6U450	6	370	600	550*	100	450	220	450	1	23.0
ARWX9U450	9	500	600	550*	100	450	350	450	1	27.0
ARWX12U450NF	12	635	600	450	_	450	485	450	1	24.0
ARWX12U450	12	635	600	550*	100	450	485	450	1	32.0
ARWX12U600	12	635	600	700*	100	600	485	450	1	38.0
ARWX18U450	18	905	600	550*	100	450	755	450	2	39.0
ARWX18U600	18	905	600	700*	100	600	755	450	2	45.0

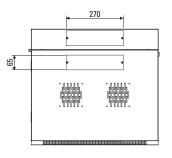
^{*} Includes depth of swing frame 100mm

TECHNICAL DRAWINGS









Front View Side View

Rear View Top View

Ausrack Wall onyX 19 inch wall mount cabinets



ACCESSORIES Product	Description	Part Number	ARWX6U450NF	ARWX6U450	ARWX9U450	ARWX12U450NF	ARWX12U450	ARWX12U600	ARWX18U450	ARWX18U600
Fan unit	2 fan unit	ARWX2F	•	•	•	•	•	•	•	•
	6 x 10A outlets, 10A plug	ARPRH61010	•	•	•	•	•	•	•	•
Power rails – horizontal	6 x 10A outlets, 15A plug	ARPRH61015	•	•	•	•	•	•	•	•
(10A outlets only) SAA	10 x 10A outlets, 10A plug	ARPRH101010	•	•	•	•	•	•	•	•
	10 x 10A outlets, 15A plug	ARPRH101015	•	•	•	•	•	•	•	•
Horizontal cable management	1RU	ARPCMH1U	•	•	•	•	•	•	•	•
Shelves – fixed	450mm deep	ARWX450FS	•	•	•	•	•	•	•	•
Shelves – cantilever	450mm deep	ARWX450CS	•	•	•	•	•	•	•	•
Spare key	Door, swing frame	ARFXKEYR	•	•	•	•	•	•	•	•
Cage nuts	50 pack	ARCN	•	•	•	•	•	•	•	•











ARWX2F

ARPRH

ARPCMH1U

ARWX450FS

ARWX450CS

Ausrack Floor onyX

19 inch light duty network cabinets











- Suitable for housing networking equipment including patch panels, modems and routers.
- Designed to be used in home automation and home theatre applications.
- Manufactured from zinc coated steel.

Comes standard with:

- Frame and 2 x side panels
- Front door fitted with tinted, tempered safety glass window
- Key lockable front and rear steel door
- 4 x full height RU marked and notched mounting rail
- 4 x full height vertical cable management systems with snap cover and internal cable rings (800mm wide cabinets only)
- Fixed shelf or shelves
- Roof mounting fan tray and 6-way power rails
- Adjustable feet and braked castor kit



ORDERING GUIDE

		Dim	ensions (mm)	•
Part Number	RU	Height*	Width	Depth	Weight (kg)
ARFX6622U	22	1115	600	600	61.0
ARFX6822U	22	1115	600	800	74.0
ARFX6632U	32	1550	600	600	80.0
ARFX6832U	32	1550	600	800	96.0
ARFX6932U	32	1550	600	960	106.0
ARFX6642U	42	1995	600	600	97.0
ARFX6842U	42	1995	600	800	105.0
ARFX6942U	42	1995	600	960	123.0
ARFX6647U	47	2220	600	600	109.0
ARFX6847U	47	2220	600	800	117.0
ARFX6947U	47	2220	600	960	137.0
ARFX8942U	42	1995	800	960	167.0
ARFX8947U	47	2220	800	960	179.0

^{*} Height does not include feet or castors



Ausrack Floor onyX 19 inch light duty network cabinets



ACCESSONIES			ARFX6622U	ARFX6822U	ARFX6632U	ARFX6832U	ARFX6932U	ARFX6642U	ARFX6842U	ARFX6942U	ARFX6647U	ARFX6847U	ARFX6947U	ARFX8942U	ARFX8947U
Part Number	Product	Description		⋖	_	∢	∢		⋖	∢		∢	∢	⋖	
ARXFL350	_	1RU high x 350 deep	•		•			•			•			_	
ARXFL550	Shelves – fixed (black)	1RU high x 550 deep		•		•			•			•			
ARXFL710		1RU high x 710 deep					•			•			•	•	•
ARWX450CS	Shelves – cantilever (black)	2RU high x 450 deep	•	•	•	•	•	•	•	•	•	•	•	•	•
ARXKBC350	_	1RU high x 350 deep	•		•			•			•				
ARXKBC550	Shelves – keyboard	1RU high x 550 deep		•		•			•			•			
ARXKBC710		1RU high x 710 deep					•			•			•	•	•
ARPCMH1U	Horizontal cable management	Rings – 1RU	•	•	•	•	•	•	•	•	•	•	•	•	•
ARHCMF1U		1RU	•	•	•	•	•	•	•	•	•	•	•	•	•
ARHCMF2U	Horizontal cable management fingers & cover panels	2RU	•	•	•	•	•	•	•	•	•	•	•	•	•
ARHCMF4U	_ migera & cover paners	4RU	•	•	•	•	•	•	•	•	•	•	•	•	•
ARPRH61010		6 x 10A outlets, 10A plug	•	•	•	•	•	•	•	•	•	•	•	•	•
ARPRH61015	Power rails – horizontal	6 x 10A outlets, 15A plug	•	•	•	•	•	•	•	•	•	•	•	•	•
ARPRH101010	(10A outlets only) SAA	10 x 10A outlets, 10A plug	•	•	•	•	•	•	٠	•	•	•	•	•	•
ARPRH101015	_	10 x 10A outlets, 15A plug	•	•	•	•	•	•	•	•	•	•	•	•	•
EBP1U		1 RU	•	•	•	•	•	•	٠	•	•	•	•	•	•
EBP2U	_	2RU	•	•	•	•	•	•	•	•	•	•	•	•	•
EBP3U		3RU	•	•	•	•	•	•	•	•	•	•	•	•	•
EBP4U	— Blanking panels (black)	4RU	•	•	•	•	•	•	•	•	•	•	•	•	•
EBP5U	_	5RU	•	•	•	•	•	•	•	•	•	•	•	•	•
EBP6U	_	6RU	•	•	•	•	•	•	•	•	•	•	•	•	•
ARCN	Cage nuts	50 pack	•	•	•	•	•	•	•	•	•	•	•	•	•
ARFXKEYF		Front door	•	•	•	•	•	•	•	•	•	•	•	•	•
ARFXKEYR	— Spare keys	Rear door	•	•	•	•	•	•	•	•	•	•	•	•	•
ARXSPL	Side panel lock kit	Single lock	•	•	•	•	•	•	•	•	•	•	•	•	•
ARFXBK	Baying kit	Brackets	•	•	•	•	•	•	٠	•	•	•	•	•	•
ARCN	Cage nuts	50 pack	•			•	•	•	•	•	•	•	•	•	•











ARXFL

ARHCMF

Residential Commercial 17

The Horizon metering enclosure from B&R is packed with so many features, you'll wonder how you ever lived without them. Designed to meet local and Australian standards, this range of enclosures provides consumers, electricians, builders and specifiers with a meter box designed for increased safety, quality and performance.

HORIZON series of enclosures

100% Australian Made



Standard features of the Horizon Series Enclosures





Panel retainer is a captive ¼ turn panel retainer (stays with the panel) preventing nuts from falling off and being lost.



Insulated escutcheons are moulded plastic with ¼ turn screws preventing any possibility of accidential shorting or shock.



RotaDIN® rotatable & removable DIN rail allows greater visibility to termination switchgear, enabling safer termination of cables and better inspection capabilities.



Safety cord retainer is a unique feature of the Horizon enclosures designed for easy retention of extension cords to AS/NZS3012.



Cable entry with a ratchet sliding mechanism to close off the aperture in compliance with AS/NZS3000.



Gravity catch is designed to create a positive closing position and the handle remains flush with the door, eliminating any snag points.



Bevelled door and double folded edges resist twisting and makes for safer handling. The safety door edge will not cut hands or cables.



Covered labelling section provides a consistent position for clear circuit identification labels. The protective clear cover prevents any labels peeling or falling off.



Horizon Q Series

Residential metering enclosures for QLD applications















- Designed for both single and multi-phase installations.
- Provide safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- · Easy-to-use gravity catch
- · Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- · Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- · Padlockable facility.
- External frame mounting brackets.
- Manufactured from 1.0 galvanised steel to Z275 or 316 stainless steel.
- Powdercoated Light Grey RAL7035 or N4.



ORDERING GUIDE - HORIZON Q

		Inclusions				Inclusions				Dime	nsions (mm)		Panel	(mm)
Part Number	DIN	Meter Isolator Link	Earth & Neutral	RCCB Link#	ID labels	Height	Width	Depth	Height	Width	Depth Behind				
Q11						520	485	278	480	461	75				
Q12^	48-pole		•	•	•	860	485	278	480	461	75				
Q20	24-pole	•	•	•	•	690	485	278	480	461	75				
Q20/MNL^	24-pole	•	•	•	•	690	485	278	480	461	75				
Q20/S	24-pole	•	•	•	•	690	485	278	480	461	75				
Q41* [†]						600	400	300	550	385	100				
Q60*^	30-pole		•		•	600	595	300	390	575	100				

^{*} Sized for concrete block construction work

ORDERING GUIDE - COMBINED SERVICES

	Enclosures			Inclusions	i	Dimensions (mm)			Panel (mm)		
Part Number	Q20	HZN/COM1^	RCCB bar	Busbar	ID labels	Height	Width	Depth	Height	Width	Depth Behind
Q82	•	•		•	•	1120	485	278	480	461	75

[^] For more information on the HZN/COM1 enclosure please refer to page 12.







[#] RCCB Link provides RCD expansion to 3 circuits

[^] Includes meter neutral link fitted to rear panel

[†] While stocks last

Horizon Q Series

Residential metering enclosures for QLD applications



ACCESSORIE	S								
Part Number	Product	Description	011	0.12	0.20	Q20/S	Q41	090	0.82
QBP	Builder's pole	Supplied complete with 50mm capped PVC tube for insertion into slab. Allows metering enclosure to be mounted on site as a temporary power supply for construction work. It is easily removed and reusable.	•	•	•	•			
HZN/FK8	Florida Ida	For this horses the co			•	•			
HZN/FK13 [†]	— Flush kit	For flush mounting							•
HZN/JK2 [†]	Bolt kit	For combining with a HZN/COM^ enclosure	•	•	•	•			
H7N/GAS1	Standard das meter enclosure	_	_						•

[†] While stocks last

[^] For more information on the HZN/COM enclosure range please refer to page 12.

Queensland Series

Residential metering enclosures for QLD applications















- Designed for both single and multi-phase installations.
- Durable enclosure suitable for domestic and light metering installations.
- Slide and lift off escutcheon.
- · Concealed lift off hinges.
- Underground service location label.
- Double return flat face gutter.
- Manufactured from 1.0 galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		In	clusions		Dime	ensions (mm)	Panel (mm)			
Part Number	DIN space	RCCB Link#	Busbar	ID labels	Height	Width	Depth	Height	Width	Depth Behind	
BR1M/SL*†					515	365	275	480	340	75	
BR1M/ECB	22-pole	•	•	•	685	485	275	480	461	75	
BR1M/ECB/SL	15-pole	•	•	•	685	365	275	380	340	75	
BR3M*					600	620	275	566	600	75	
BR3M/ECB	24-pole	•	•	•	770	620	275	566	600	75	
NQ/DIN^	18-pole	•	•	•	600	600	270	575	560	75	
CSQ042201 [†]		•	•		520	485	278	480	461	75	

^{*} For remote load centre installations

[†] While stocks last

ACCESSORIE	S						
Part Number	Description	BR1M/SL	BR1M/ECB	BR1M/ECB/SL	BR3M	BR3M/ECB	CSQ42201
QNPLK	Padlocking kit to suit all QLD series enclosures	•	•	•	•	•	
ECBCK [†]	Temporary power conversion kit		•		•	•	

[†] While stocks last





ECBCK

[#] RCCB Links provide RCD expansion to 3 circuits

[^] Not suitable for ERGON metering

Queensland Raiser Brackets & Accessories

Accessories for QLD metering enclosures













- Suitable for use on all QLD domestic and commercial overhead mains installations.
- Used as a point of attachment for above ground service mains to the premises.
- Designed and tested to QLD supply authority rules & regulations.
- 1.0kN strength rating
- Tested to meet ECMM requirements.
- Manufactured from hot dipped galvanised steel to AS/NZS4680



ORDERING GUIDE - RAISER BRACKETS

Part Number	Product	Size (mm)
2F		600
3F	Fascia mounting	900
4F		1200
3NQF	Fascia mounting (North Qld)	900
RBSK	Raiser bracket stay kit	-
QSPK360	Qld side pull kit 360°	-







ORDERING GUIDE - MAINS CONNECTION ENCLOSURES

Dimensions (mm) Weight (kg Part Number Product Height Width Depth Cover Depth Usable Depth PC362720 360 270 205 75 170 3.2 Polynova PC IP66 enclosure PC543617 540 360 170 45 135 5.7 PM3627 40 270 140 2.6 360 165 Polynova PM IP65 enclosure PM5436 540 40 5.0

ORDERING GUIDE - ACCESSORIES

Spacer required for compliance.

Part Number	Product	PC362720	PC543617	PM3627	PM5436
PCFD5436	Depth spacer 62.5mm		•		
PM3627/S	Double and an income managed in			•	
PM5436/S	Depth spacer (non-metallic)				•







Polynova PC enclosure

Polynova PM depth spacer

Horizon N Series

Residential metering enclosures for NSW applications















- Designed for both single and multi-phase installations.
- · Provide safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- Easy-to-use gravity catch
- · Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- Padlockable facility.
- External frame mounting brackets.
- Manufactured from 1.0 galvanised steel to Z275 or 316 stainless steel.
- Powdercoated Light Grey RAL7035 or N4.



ORDERING GUIDE - HORIZON N

		- 1	Inclusions			Dimensions (mm)			Panel (mm)			
Part Number	DIN space	RCCB Link#	Earth & Neutral Link	Height	Width	Depth	Height	Width	Depth Behind			
A10^	24-pole	•	•	690	485	278	480	461	75			
N20*	24-pole	•	•	690	485	278	480	461	75			
N20/S	24-pole	•	•	690	485	278	480	461	75			
N22*	48-pole	•	•	860	485	278	480	461	75			

^{*} Comes with pre-drilled panel for single or 3Ø metering

[#] RCCB Links provides RCD expansion to 3 circuits

[^] Actew AGL approved

[†] While stocks last

[^] For more information on the HZN/COM enclosure range please refer to pages 12.

New South Wales Series

Residential metering enclosures for NSW applications















- Designed for both single and multi-phase installations.
- Suitable for domestic and light commercial installations.
- Provides versatility with a large range of products and accessories.
- Entry level range of enclosures.
- Top hinged with panel.
- DIN panel cutout
- Earth and neutral links NOT included.
- Manufactured from 1.0mm or 1.2mm galvanised steel to Z275.



ORDERING GUIDE

			Dim	ensions (mm)	Hinged Panel	
Product	Product Number	DIN space	Height	Width	Depth	Type included	Depth Behind (mm)
Enclosure only	NSW/U/13	-	600	600	330	-	150
	NSW/DIN	18-pole	600	600	270	Moulded white bramite	75
	NSW/BP/GD10	12-pole	600	600	270	Plain black	75
	NSW/BD/GD10	12-pole	600	600	270	Pre-drilled black panel 5 meters	75
Featured enclosure	NSW/BDI/GD10	12-pole	600	600	270	Pre-drilled black panel to Endeavour 4 meters	75
	NSW/BDE/GD10	12-pole	600	600	270	Pre-drilled black panel to Ausgrid 3 meters	75
	ACT/TEMP†	-	600	600	270	Pre-drilled black panel to ActewAGL specifications	75

[†] While stocks last

ACCESSORIES Product Number	Product	Description	NSW/U2	NSW/U/13	NSW/DIN	NSW/BD/GD10	NSW/BDI/GD10	NSW/BDE/GD10	NSW/BP/GD10	ACT/TEMP
NOMBIA	40 1 500111	•								
NSWDK ¹	18-pole DIN kit	Includes panel and DIN rail	•	•						
NSW/FK	Flush mounting kit	For flush mounting			•					
NSW/HBD		575mm wide x 560mm high x 6t				•			•	
NSW/HBDI†	Hinged panel – drilled (black)	To suit Endeavour Energy					•			
NSW/HBDE [†]	-	To suit Ausgrid / ActewAGL						•		•

[†] While stocks last



New South Wales MD Series

Residential metering enclosures for NSW applications















- Designed for both single and multi-phase installations.
- Suitable for domestic and light commercial installations.
- Slide and lift off escutcheons.
- · Concealed lift off hinges.
- Double return flat face gutter.
- Manufactured from 1.0mm galvanised steel to Z275.

Comes standard with:

• RCCB link



ORDERING GUIDE

		Dime	ensions (mm)		(mm)	
Part Number	DIN space	Height	Width	Depth	Height	Width	Depth Behind
MD062402	24-pole	770	620	275	566	600	75

Product	Description	Part Number
In a serie e a servica la realizata	Pole bracket	N09
Incoming service brackets	House bracket	N10





Horizon V Series

Residential metering enclosures for VIC applications



















- SIR Approval #SIR140615B
- Designed for both single and multi-phase installations.
- Provides safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- · Easy-to-use gravity catch
- · Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- · Padlockable facility.
- External frame mounting brackets.
- Manufactured from 1.0 galvanised steel to Z275 or 316 stainless steel.
- Powdercoated Light Grey RAL7035 or N4.



ORDERING GUIDE - HORIZON V

			Inclusions				ensions (mm)	Panel (mm)			
Part Number	DIN space	Neutral link	RCCB Link#	Service fuse	Busbar	Height	Width	Depth	Height	Width	Depth Behind	
V5^	20-pole	•	•	•	•	430	485	277	380	400	75	
V10	24-pole	•	•	•	•	690	485	278	380	400	75	
V10/S	24-pole	•	•	•	•	690	485	278	380	400	75	
V11*						430	485	278	380	400	75	
V11/2*				•		430	485	278	380	400	75	
V12	48-pole	•	•	•	•	860	485	278	380	400	75	

^{*} For remote load centre applications

Product	Description	Part Number	V10	V10/S	V11	V11/2	V12
Builder's pole	Underground	U/GBP	•	•			•
Pole support	Temporary, head only	U/GBPS	•	•	•	•	•
Flush kit	For fluck mounting	HZN/FK8	•	•			
FIUSII KIL	For flush mounting	HZN/FK13 [†]					•
Bolt kit	For combining with a HZN/COM [^] enclosure	HZN/JK2 [†]	•	•			

[†]While stocks last

 $^{^{\}wedge}$ For more information on the HZN/COM enclosure range please refer to page 12.









[#] RCCB Links provide RCD expansion to 3 circuits

[^] Single phase meters only

Victoria MD Series

Residential metering enclosures & frames for VIC applications















- SIR Approval #SIR9640597B
- Designed for both single and multi-phase installations.
- Suitable for domestic and light commercial installations.
- Suits bottom connected meters.
- No sharp edges
- Improved strength
- Manufactured from 1.0mm galvanised steel to Z275
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Dime	ensions (mm)	Panel (mm)						
Part Number	DIN space	Height	Width	Depth	Height	Width	Depth Behind				
MD042104	21-pole	851	485	275	590	400	75				
MD042106	21-pole	851	486	350	590	400	150				
MD043601	36-pole	1032	485	350	590	400	150				
MD0605		675	630	335	600	600	150				
MD064201	42-pole	1085	630	335	600	600	150				

ORDERING GUIDE - FRAMES

		In	clusions	Dime	ensions (mm)	Panel (mm)			
Catalogue No.	Back	Hinged panel	Service fuse	Meter link	Height	Width	Depth	Height	Width	Depth Behind
MD0403F		•	•	•	600	410	160	590	400	150
MF012B					620	620	150			
MD0102F	•	•	•	•	375	215	107	370	205	75
MD0201F		•			383	410	107	380	400	75
MD0202F [†]		•	•	•	383	410	107	380	400	75

[†] While stocks last

Product	Description	Part Number	MD0403F	MF012B	MD0102F	MD0201F	MD0202F
	To suit 410mm wide frame	MD0201Y				•	•
Metal back	To suit 410mm wide frame	MD0403Y	•				
	To suit 610mm wide frame	MF011Y		•			
Plain panel – left hinged	610mm x 610mm	MG003P			•		
Plain panel – right hinged	610mm x 610mm	MG004P			•		

Victoria CT Series

Residential metering enclosures & frames for VIC applications

















 Suitable for installations that require the use of CT metering above 100A.

Enclosures

- Manufactured from 1.0 / 1.2mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.

Frames

- Manufactured from 1.2 / 1.6mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Dimensions (mm)			Panel (mm)			
Part Number	Description	Height	Width	Depth	Height	Width	Depth Behind	
MD0101 [†]	Enclosure only with facilities to accept right hand panel kits	975	630	335			75	
MD0605/CT	Enclosure with CT drilled panel	675	630	335	600	600	150	
MF012B	NA standard for the sta	620	620	150	-	-	150	
MF062B	Metering frames without back (no panel supplied)		620	150	_	_	150	

[†]While stocks last

ACCESSONIES	•								
		Hinge O	rientation	Dimensio	ons (mm)		MD0101	MF012B	MF062B
Product	Part Number	Left	Right	Height	Width	PanelType	M	¥	A
	MG003P	•		610	610	Plain black		•	
	MG004P		•	610	610	Plain black		•	
	MG019P	•		910	610	Plain black			•
	MG020P		•	910	610	Plain black	•		•
Mataria a Danala	MG021P		•	910	610	Black drilled for VIC CTs	•		•
Metering Panels	MG022P		•	610	610	Black drilled for VIC CTs		•	
	MG023P	•		910	610	Black drilled for VIC CTs			•
	MG024P	•		610	610	Black drilled for VIC CTs		•	
	MG065P	•		610	610	Black drilled for 6 bottom connect meters		•	
	MG066P		•	610	610	Black drilled for 6 bottom connect meters		•	
Metal Back	MF061Y			930	620	To suit metering frames			•

Victoria Brackets & Accessories

Accessories for VIC metering enclosures











- SIR Approval #SIR990705R
- Suitable for use on all VIC domestic and commercial overhead mains installations.
- Used as a point of attachment for above ground service mains to
- Designed and tested to VIC supply authority rules & regulations.
- 1.0kN single phase or 2.0kN multi-phase strength rating
- Tested to meet SIR requirements.
- Manufactured from hot dipped galvanised steel to AS/NZS4680.



ORDERING GUIDE - RAISER BRACKETS

Product	Part Number	Type	Size (mm)
	N01V	For notion manuating	600
Single phase (1kN)	N02V	For rafter mounting	900
	N06V	For fascia mounting	900
Multi whose hypelicat (OIAN)	N03/3V	For rafter mounting	900
Multi phase bracket (2kN)	N06/3V	For fascia mounting	900
Raiser bracket stay kit	RBSKV	For raiser bracket retention	-



Product	Part Number	Туре
Marshall bracket	N08	1 phase angled
Marshall bracket	N12	3 phase angled
	N09	Pole bracket
	N10	House bracket
General purpose brackets	N11	Rafter bracket
DI GOROLO	N13	Stand off pole bracket
	N14	Ceiling fan mounting bracket
Pole bracket	N15	3 phase
role blacket	N16	1 phase

ORDERING GUIDE - GENERAL ACCESSORIES

Part Number	Description
SFPLK1NL	Service fuse padlock kit to suit 1 fuse, no lock
SFPLK3NL	Service fuse padlock kit to suit to suit 3 fuses, no lock
MDVCK [†]	Conversion kit Converts MD enclosures to comply with AS/NZS3012

[†] While Stocks Last





N03/3V





N09





Horizon S Series

Residential metering enclosures for SA applications



















- Designed for both single and multi-phase installations.
- Provides safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- Easy-to-use gravity catch
- Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- Padlockable facility.
- External frame mounting brackets
- To suit type 1 and type 2 meter panel.
- Manufactured from 1.0 galvanised steel to Z275 or 316 stainless steel.



ORDERING GUIDE - HORIZON S

		Inclusions				Dime	ensions (mm)	Panel (mm)			
Part Number	DIN space	RCCB Link#	МСВ	Lock off	Meter neutral link	Height	Width	Depth	Height	Width	Depth Behind	
S10	24-pole	•	63A	•	•	690	485	278	350	365	75	
S10/S	24-pole	•	63A	•	•	690	485	278	350	365	75	
S20	24-pole	•	63A	•	•	860	485	278	590	365	75	

[#] RCCB Links provides RCD expansion to 3 circuits

ORDERING GUIDE - COMBINED SERVICES

		Enclosure	es		Inclusions				Dime	nsions (mm)	Panel (mm)		
Part Number	S10	HZN/COM1^	HZN/GAS1	DIN space	Meter isolator	Panel	Metal pan	Vented door	Height	Width	Depth	Height	Width	Depth Behind
S80*	•	•	•	24-pole	•	Type 1	•	•	1620	485	278	350	365	75
S82* [†]	•	•		24-pole	•	Type 1	•		1120	485	278	350	365	75

^{*} Electrical, Communications and Gas Authority approved.

[^] For more information on the S10 enclosures see table above. For more information on the HZN/COM1 enclosures see page 12.

ACCESSORIES						
Part Number	Description	S10	S10/S	S20	280	S82
HZN/S10P3KIT [†]	3Ø upgrade kit converts an S10 enclosure to a 3Ø panel (includes 3⊗ meter isolator MCB).	•	•		•	•
CL	Coin lock (supplied with 2 keys, ETSA master key "series CoinES")	•	•	•	•	•
HZN/FK8	Flush kit	•	•			
HZN/FK13 [†]	Flush kit					•
HZN/FK19 [†]	Flush kit				•	
HZN/JK2 [†]	Bolt kit (for combining with HZN/COM^ enclosures	•	•			
HZN/GAS1	Standard gas meter	•	•			

[†] While stocks last

[^] For more information on the HZN/COM enclosure range please refer to page 12.



[†] While stocks las

South Australia Residential Enclosures

Rebated sides metering enclosures for SA applications















- Designed for both single and multi-phase installations.
- Suitable for domestic and light commercial installations.
- Capacity to recess into a brick wall with ease.
- Manufactured from 1.0mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

			Inclusions			Provision for	. ,			Panel (mm)			
Part Number	To suit metering	DIN	Earth	Neutral links	Meter isolator	Meter neutral link	additional earth & neutral link kit	Height	Width	Depth	Height	Width	Depth Behind
1DIN25RMI	Type 1	25-pole	•	•	63Amp	•		600	470	265	350	365	75
2DIN25RMI	Type 2	25-pole	•	•	63Amp	•		860	470	265	590	365	75
2DIN50R [†]	Type 2	50-pole	•	•			•	945	470	265	590	365	75

[†] While stocks last

ORDERING GUIDE

Part Number	Description			
1DK	24-pole DIN kit			
2RMI/3PKIT [†] 3Ø upgrade kit – includes 2 x additional MCB lock-off dev				

[†] While stocks last





2RMI/3PKIT

South Australia Residential Enclosures

Straight sides metering enclosures for SA applications

















- Designed for both single and multi-phase installations.
- Suitable for domestic and light commercial installations.
- Capacity to recess into a brick wall with ease.
- Provision to fit ES coinlock to door of the enclosure.
- Manufactured from 1.0mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Dimensions (mm)			Panel (mm)			
Part Number	To suit metering	Height	Width	Depth	Height	Width	Depth Behind	
1FPS [†]	Type 1 & 2	600	485	265	550	430	75	

[†] While stocks last.

Part Number	Product	Description
1DK	DIN kit	24-pole, for type 1 and type 2 enclosures
2RMI/3PKIT [†] 3⊗ upgrade kit Includes 2 x additional MCB lock-of		Includes 2 x additional MCB lock-off devices
CL	Lock	Supplied with 2 keys, SA Power Networks master key "series ES"

[†]While stocks last







1DK

South Australia Brackets & Accessories

Residential metering accessories for SA enclosures













- Suitable for use on all SA domestic and commercial overhead mains installations.
- Used as a point of attachment for above ground service mains to
- Designed and tested to SA supply authority rules & regulations.
- 1.0kN single phase strength rating
- Manufactured from hot dipped galvanised steel to AS/NZS4680.



ORDERING GUIDE - RAISER BRACKETS

Part Number	Product	Description	Size (mm)
RB01	Single phase	Under fascia mounting	900
RB04	Multi phase	For 3Ø under fascia mounting	900



		Dimensions (mm)					
Part Number	Product	Height	Width	Depth			
EB	Earth connection box	150	130	75			



RB04

Horizon W Series

Residential metering enclosures for WA applications

















- Designed for both single and multi-phase installations.
- · Provides safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- Easy-to-use gravity catch.
- Ratchet sliding cable entry.
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- Padlockable facility.
- External frame mounting brackets.
- Meter lock-off device.
- Manufactured from 1.0 galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Dimensions (mm)						
Part Number	DIN space	Height	Width	Depth				
W10	24-pole	520	485	278				

ACCESSORIES

			Dimensio	ns (mm)	0
Part Number	Product	Description	Height	Width	W10
HZN/JK2 [†]	Bolt kit	For combining with a HZN/COM^ enclosure	_	_	•
WADIN24/24 [†]		3 rows, 24 pole	-	_	•
WADIN16/24 [†]	DIN rail kits	16 pole escutcheon, 24 pole base	-	_	•
WADIN08 [†]	_	1 row, 8 poles	-	_	•
BRS-Q3027 [†]	Moulded panel	450mm high x 225mm wide	450	225	•
BMP0402/06		0 1111	450	225	•
BMP0404/06	— Insulated panels	6mm thick	450	450	•



[†]While stock lasts.

[^] For more information on the HZN/COM enclosure range please refer to page 12.

Horizon T Series

Residential metering enclosures for TAS applications















- Designed for both single and multi-phase installations.
- Provide safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- · Easy-to-use gravity catch
- · Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- · Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- · Padlockable facility.
- External frame mounting brackets.
- Meter lock-off device.
- Manufactured from 1.0 galvanised steel to Z275 or 316 stainless steel.
- Powdercoated Light Grey RAL7035 or N4.



ORDERING GUIDE

			Dime	nsions (mm)		Panel	(mm)	
Part Number	DIN Space	RCCB Link#	nk# 63A MCB		Width	Depth	Height	Width	Depth Behind
T11* [†]				430	485	278	350	365	75
T20	24-pole	•	Segregated & lockable	688	485	278	350	365	75
T20/S	24-pole	•	Segregated & lockable	688	485	278	350	365	75

^{*} For remote load centre applications

ORDERING GUIDE - COMBINED SERVICES

Enclosures				Inclusions				nsions (mm)	Panel (mm)			
Part Number	T20	HZN/COM1^	DIN	Earth bar	Neutral bar	63A MCB	Height	Width	Depth	Height	Width	Depth Behind	
T82	•	•	24-pole	•	•	Segregated & lockable	1120	485	278	350	365	75	

[^]For more information on HZN/COM1 enclosures please refer to page 12.

ACCESSORIES Part Number HZN/T10P3KIT Includes 2 x additional MCB lock-off devices 3Ø upgrade kit HZN/FK8 Flush kit For flush mounting HZN/FK13[†] HZN/JK2[†] Bolt kit For combining with a HZN/COM[^] enclosure



[#] RCCB Links provide RCD expansion to 3 circuits

[†] While stocks last

[†] While stocks last

[^] For more information on the HZN/COM enclosure range please refer to page 12.

Horizon D Series

Residential metering enclosures for NT applications

















- Designed for both single and multi-phase installations.
- · Provide safety, quality and performance.
- Suitable for domestic and light commercial metering applications.
- Easy-to-use gravity catch
- · Ratchet sliding cable entry
- RotaDIN rotating / removable DIN section.
- Cord retainer for easy retention of extension cords.
- · Identification with covered labelling section.
- Weatherproof installation label for AS/NZS3000 compliance.
- · Padlockable facility.
- External frame mounting brackets.
- Meter lock-off device.
- Manufactured from 1.0 galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



ORDERING GUIDE

		Inclusio	ns	Dimensions (mm)			Panel (mm)				
Part Number	DIN space	RCCB Link#	MCB	Height	Width	Depth	Height	Width	Depth Behind		
D10*	18-pole	•	63A	600	400	300	390	385	75		
D20	24-pole	•		688	485	278	480	461	75		
NQ/DIN*	18-pole			600	600	270	575	560	75		
Q41* [†]				600	400	300	550	385	75		
MD061802*	18-pole			600	400	270	590	385	75		

^{*} Sized for block construction work

ACCESSORIES Part Number Description HZN/FK8 Flush kit for flush mounting



[#] RCCB Links provide RCD expansion to 3 circuits

[†]While stocks last

Northern Territory Brackets & Accessories

Accessories for NT metering enclosures











- Suitable for use on all NT domestic and commercial overhead mains installations.
- Used as a point of attachment for above ground service mains to the
- Designed and tested to NT supply authority rules & regulations.
- 1.0kN single phase strength rating
- Tested to meet ECMM requirements.
- Manufactured from hot dipped galvanised steel to AS/NZS4680.



ORDERING GUIDE - RAISER BRACKETS

Part Number	Product	Description	Size (mm)
2F			600
3F	Cinale abose	For fascia mounting	900
3NQF	— Single phase		900
3UF/59		For under fascia mounting	900
N09	Camaval muumaaa huaakata	Pole bracket	-
N10	General purpose brackets	House bracket	-

ORDERING GUIDE - GENERAL ACCESSORIES

		Dimensions (mm)						
Part Number	Product	Height	Width	Depth				
EB	Earth connection box	150	130	75				















DIN Covers

Plastic cover for DIN control equipment

















- Designed for both single and multi-phase installations.
- Simple plastic cover for DIN rail control equipment including MCBs and RCDs.
- Sealing tab.
- Padlockable meter lock-off device available.
- Cream RAL9001.



ORDERING GUIDE

		Dimensions (mm)									
Part Number	Poles	Height	Width	Depth							
LCP01	1	155	23	65							
LCP02	2	155	40	65							
LCP04	4	155	82	65							
LCP12/B	12	140	250	67							

TECHNICAL DRAWINGS



DIN Rail Enclosures

Plastic loadcentres for DIN control equipment















- Designed for both single and multi-phase installations.
- Robust surface mount plastic DIN rail loadcentre with hinged cover to protect control equipment.
- AS/NZS 60695: 960° glow wire test
- Manufactured from high impact resistant electrical grade polycarbonate.
- Cream RAL9001.

Comes standard with:

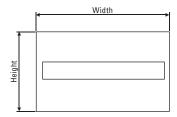
- Standard circuit ID labels
- · Hinged cover



ORDERING GUIDE

		Di	mensions (m	Links (all 16	mm² tunnels)	
Part Number	Poles	Height	Width	Depth	Earth	Neutral
LCP06	6	210	134	100	-	7
LCP09	9	210	188	100	4	7
LCP12	12	210	242	100	4	9
LCP18	18	210	350	100	4	14+7

TECHNICAL DRAWINGS



DIN Rail Enclosures

Metal loadcentres for DIN control equipment

















- Designed for applications that require a robust construction.
- Metal surface and flush mounted enclosures.
- Traffic White RAL9016.

Comes standard with:

- Earth and neutral links
- Standard circuit ID labels
- Hinged cover



				Dimensions (mm) Esc		Dimensions (mm)			Escutche	on (mm)	Links (a	all 16mm²)
Product	Part Number	No. of Rows	Pole	Height	Width	Depth	Height	Width	Earth	Neutral		
	LCM09S	1	9	254	254	71	-					9+4
	LCM12S	1	12	254	304	71	-	-	5	14+4		
Surface Mount	LCM18S	1	18	254	412	71	-	-	7	18+4		
Surface Mount	LCM24S	2	24	414	364	71	-	-	7	24+4		
	LCM36S	3	36	604	364	71	-	-	12	36+4		
	LCM48S	4	48	745	460	71	-	-	12	36+9+4		
	LCM09F	1	9	254	254	62	304	304	5	9+4		
	LCM12F	1	12	254	304	62	304	354	5	14+4		
Flush Mount	LCM18F	1	18	254	412	62	304	462	7	18+4		
riush iviount	LCM24F	2	24	414	362	62	464	414	7	24+4		
	LCM36F	3	36	604	364	62	654	414	12	36+4		
	LCM48F	4	48	745	460	62	799	514	12	36+9+4		
At.a.ma.a.t.i.a.m	LCM96S	4	96	750	560	166	-	-	72	72		
Automation	LCM144S	6	144	970	560	166	-	-	96	96		

ACCESSORI	CCESSORIES																		
				Dimensions (mm)			398	28	LCM18S	-CM24S	M36S	M48S	M09F	M12F	₩	M24F	36F	M48F	96S 144S
							LCMO	M	Σ	Σ	×	ΣM	Ĭ	ž	:M18F	Σ	:M36	ž	:M96
Part Number	Product	Hinge	Poles covered	Height	Width	Depth	2	\overline{c}	7	그	C	$^{\circ}$	C	$^{\circ}$	C	$^{\circ}$	C	C	일 일
LCM09D	_	Тор	All	252	252	22	•						•						
LCM12D	_	Тор	All	252	302	22		•						•					
LCM18D	– Doors	Тор	All	252	410	22			•						•				
LCM24D	— Doors	Right	All	412	362	22				•						•			
LCM36D		Right	All	602	362	22					•						•		
LCM48D	_	Right	All	747	462	22						•						•	
LCM7C	_	Тор	7.5	110	145	20	•						•						
LCM10C		Тор	10.5	110	198	20		•						•					
LCM16C	Circuit breaker security cover	Тор	16.5	110	305	20			•						•				
TBSC02		Side	4.5	75	110	20													
TBSC01	_	Тор	12.5	110	231	20													
LCMLK	Key lock						•	•	•	•	•	•	•	•	•	•	•	•	



Covered Links

Installation accessories for metering enclosures



• Suitable for domestic and commercial metering applications.

Conformity / Approvals:

- UL94, V0 rating, 960°C glow wire test
- Tunnel type terminals AS3000:2007: Clause 2.9.4
- Numbering to AS3000 regulations
- Designed to Australian regulations
- 400A product test report (completed by B&R)
- Complies to AS5112



	Part Number				Maximum			
Clear	Red	Black	Description	No. of Tunnels	tunnel	Screws	Amps	Range
LK5C35	LK5R35	LK5B35	Link 5 Terminals Max 35mm	5	35mm	Steel	100	Small
LK5C	LK5R	LK5B	Link 5 Terminals	5	16mm	Steel	100	Small
LK6C35	LK6R35	LK6B35	Link 6 Terminals Max 35mm	6	35mm	Steel	100	Small
LK7C35	LK7R35	LK7B35	Link 7 Terminals Max 35mm	7	35mm	Steel	100	Small
LK7C	LK7R	LK7B	Link 7 Terminals	7	16mm	Steel	100	Small
LK10C35	LK10R35	LK10B35	Link 10 Terminals Max 35mm	10	35mm	Steel	100	Medium
LK10C	LK10R	LK10B	Link 10 Terminals	10	16mm	Steel	100	Medium
LK13C35	LK13R35	LK13B35	Link 13 Terminals Max 35mm	13	35mm	Steel	100	Medium
LK18C	LK18R	LK18B	Link 18 Terminals	18	16mm	Steel	100	Medium
LKT4C35	LKT4R35	LKT4B35	Link T Shaped 4 Terminals Max 35mm	4	35mm	Brass	140	T-Shape
LK165A7C70	LK165A7R70	LK165A7B70	Link 165A 7 Terminals Max 70mm	7	70mm	Brass	165	165amp
LK165A13C70	LK165A13R70	LK165A13B70	Link 165A 13 Terminals Max 70mm	13	70mm	Brass	165	165amp
-	-	LK250A4B35	Link 100A 4 Terminals Max 35mm	4	35mm	Steel	100	Vic Link
LK400A7C150	LK400A7R150	LK400A7B150	Link 400A 7 Terminals Max 150mm	7	150mm	Brass	400	400amp
LK400A13C150	LK400A13R150	LK400A13B150	Link 400A 13 Terminals Max 150mm	13	150mm	Brass	400	400amp

Uncovered Links

Installation accessories for metering enclosures





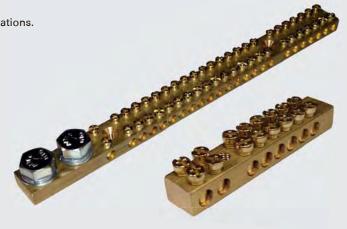




• Suitable for domestic and commercial metering applications.

Conformity / Approvals:

- Tunnel type terminals AS3000:2007: Clause 2.9.4
- Numbering to AS3000 regulations
- Designed to Australian regulations
- Complies to AS5112



Part Number	Description	Amps	Tunnels	Length
LKFEET	A pair of link bar support feet	-	-	-
LK90A4	Link 90A 4 Tunnels 16mm²	90	4	54.5
LK90A6	Link 90A 6 Tunnels 16mm²	90	6	68.0
LK90A8	Link 90A 8 Tunnels 16mm²	90	8	81.0
LK90A12	Link 90A 12 Tunnels 16mm²	90	12	106.0
LK165A12	Link 165A 2 x M10 Studs 12 Tunnels 16mm²	165	12	144.0
LK165A18	Link 165A 2 x M10 Studs 18 Tunnels 16mm²	165	18	185.0
LK165A24	Link 165A 2 x M10 Studs 24 Tunnels 16mm²	165	24	227.0
LK165A36	Link 165A 2 x M10 Studs 36 Tunnels 16mm²	165	36	331.0
LK250A12	Link 250A 2 x M8 Studs 12 Tunnels 2x35 / 10x16mm ²	250	12	153.0
LK250A18	Link 250A 2 x M8 Studs 18 Tunnels 2x35 / 16x16mm ²	250	18	197.0
LK250A24	Link 250A 2 x M8 Studs 24 Tunnels 2x35 / 22x16mm ²	250	24	238.0
LK250A36	Link 250A 2 x M8 Studs 18 Tunnels 4x35 / 32x16mm ²	250	18	328.0

Installation Accessories

Range of accessories to suit metering enclosures

Cable Covers

Manufactured from 1.6mm thick hot dipped galvanised steel to AS/NZS4680 standard ensures long-life in harsh Australian environments.

	Dim	ensions (ı	mm)
Part Number	Height	Width	Length
POLE MOUNT			
CCP050/HD	50	50	900
CCP075/HD	75	75	900
CCP100/HD	100	100	900
CCP050/HD/15	50	50	1500
CCP075/HD/15	75	75	1500
CCP050/HD/28	50	50	2800
CCP075/HD/28	75	75	2800
SURFACE MOUNT			
CCS025/HD	25	25	1200
CCS032/HD	32	32	1200
CCS038/HD	38	38	1200
CCS050/HD	50	50	1200
CCS075/HD	75	75	1200
CCS075/HD/15	75	75	1500





Pole Fillers

Designed to fit most DIN cutouts with a patented technology that makes them stay in requiring a tool for removal. Compliant to Australian Wiring Rules.

Part Number	Modules
PF6TR	6 module width
PF6TR/PK	3 x 6 module width



PF6TR/PK

Installation Accessories

Range of accessories to suit metering enclosures



Insulated Panels

Asbestos free, paper phenolic compressed resin insulated electrical grade panels — meets and exceeds Australian standards and 960°C glow wire standards.

	Dir	mm)	
Part Number	Height	Width	Thickness
FULL SHEET			
BS06	914	1218	6
BS08	914	1218	8
CUT TO SIZE			
BS06/CTS	-	_	-
BS08/CTS	-	-	-
PRE-CUT LENGTHS			
BMP240355/06	240	355	6
BMP255355/06	255	355	6
BMP289300/06	289	300	6
BMP0303/06	300	300	6
BMP300680/06	300	680	6
BMP355560/06	355	560	6
BMP360595/06	360	595	6
BMP450110/06	450	110	6
BMP0402/06	450	225	6
BMP450450/06	450	450	6
BMP500300/06	500	300	6
BMP575560/06	575	560	6
BMP600600/06	600	600	6
BMP610610/06	610	610	6



Panel Screws

Specially designed hi-lo screws for insulated panels

Part Number	Description
BPS133	13 x 3mm
BPS203	20 x 3mm
BPS253	25 x 3mm
BPS323	32 x 3mm



Panel screws

Marking Pens

Suitable for marking of bramite and black panels.

Part Number	Colour
BMP/B [†]	blue
BMP/BLK	black
BMP/R	red
BMP/W [†]	white

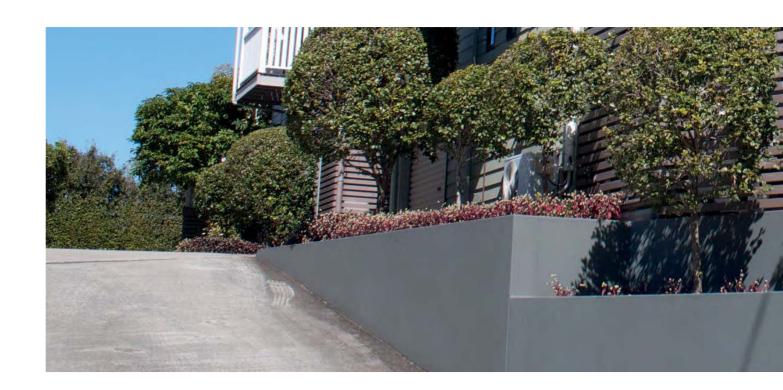
[†]While stocks last



The pre-wired group metering enclosures from B&R, provide an easy, off-the-shelf solution for multiple tenancy sites. These GMEs can be installed free standing using the appropriate plinth and comply with the latest regulations to ensure a trouble-free installation.

group metering enclosures

A solution for multiple tenancy sites



Standard features of the Pre-Wired Group Metering enclosures





Meter & service fuses – 100A meter and 100A service fuses come supplied, installed and wired within the enclosure.



We wire it all for you! Pre-wired for single phase metering.



Tenancy MCBs come installed and wired within the enclosure.

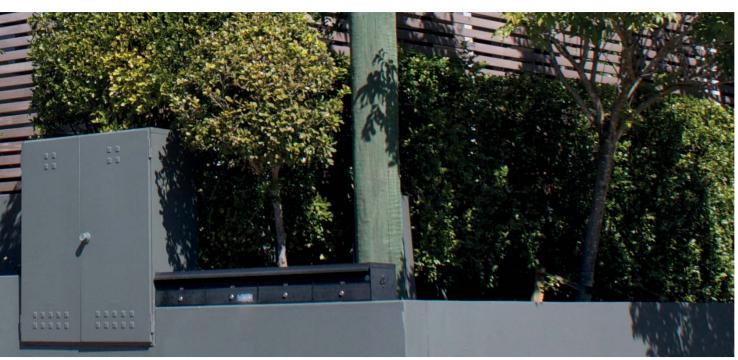


Supply capacity control – segregated area for provision of supply capacity control if required.



Extra space – Additional DIN space is provided across the entire range to cater for individual needs.





Victoria Group Metering Enclosures to suit VIC applications















- Designed for both single and multi-phase installations.
- Pre-wired and unwired solutions for multiple tenancy installations in all areas of Victoria.
- Pre-wired and ready to fit meter.
- Ample DIN space.
- Upgradeable to include supply capacity control
- Manufactured from 1.0mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.

Comes standard with:

- 40A tenancy sub-main MCBs
- Meter fuse holders
- Service protection device fuse holders



ORDERING GUIDE

	Incl	usions		Dime	nsions (
Part Number	Tenancies	Meter Fuses	Tenancy Type	Height	ght Width Depth		Depth Behind Panel (mm)	SCCD Option
PRE-WIRED								
GMPV04	4 x 40A	4 x 100A	Single phase	1035	485	335	150	
GMPV05	5 x 40A	5 x 100A	Single phase	1085	630	335	150	•
GMPV07#	7 x 40A	7 x 100A	Single phase	1200	800	440	150	•
UNWIRED								
GMUV04*	-	-	Unwired	1035	485	335	150	-
GMUV05*	-	-	Unwired	1085	630	335	150	-
GMUV07*			Unwired	1200	800	440	150	-

4 2 2 4 2 2

PLINTHS

Part Number	Height	Width	Depth	GMPV04	GMPV0	GMPV07	GMUV0	GMUVO	GMUVO
GM04P	600	485	350	•			•		
GM05P	500	630	320		•			•	
GM07P	500	800	420			•			•



Plinths

^{*} Plain panel suitable for signle and 3-phase applications.

[#] Room for 8th meter if required.

South Australia Group Metering

Enclosures to suit SA applications

















- Designed for both single and multi-phase installations.
- Pre-wired solutions for multiple tenancy installations in all areas of South Australia.
- Pre-wired and ready to fit meter.
- Ample DIN space.
- Manufactured from 1.0mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.

Comes standard with:

- Tenancy sub-main MCBs
- Metal loadcentre integrated with lock-off devices for meter isolation and service protection.



		Dim	ensions (mm)		Meters		
Part Number	Type of Enclosure^	Height	Width	Depth	Max. number	Type of meter	Meter Isolator	Sub-Main Breaker
SGM/JB1 [†]	JB/P	900	600	343	4 x 1-Phase	Flat rate	63A	63A
SGM/JB2 [†]	JB/P	900	600	343	3 x 1-Phase	Combination meters (M&J tariff)	63A	50A M tariff 25A J tariff
SGM/KB1 [†]	KB/P/16	900	800	420	6 x 1-Phase	Flat rate	63A	63A
SGM/KB2 [†]	KB/P/16	900	800	420	4 x 1-Phase	Combination meters (M&J tariff)	63A	50A M tariff 25A J tariff
SGM/LB1 [†]	LB/P	1200	800	420	9 x 1-Phase	Flat rate	40A	40A
SGM/LB2 [†]	LB/P	1200	800	420	3 x 3-Phase	Flat rate	63A	50A
SGM/LB3 [†]	LB/P	1200	800	420	6 x 1-Phase	Combination meters (M&J tariff)	63A	50A M tariff 25A J tariff

[†] While stocks last

[^] For more information on standard group metering enclosures please refer to pages 50-51.

PLINTHS										
				SGM/JB1	GM/JB2	GM/KB1	M/KB2	GM/LB1	M/LB2	M/LB3
Part Number	Height	Width	Depth	SG	SG	SG	SG	SG	SG	SG
JB/PLINTH	500	600	300	•	•					
KB/PLINTH	500	800	420			•	•	•	•	•



Group Metering

Enclosures to suit multiple tenancy sites













- Designed for multiple tenancy sites in residential and commercial metering applications.
- For use in all states except Victoria and Western Australia.
- Ample DIN space.
- Padlockable handle available as an accessory.
- · Lift-off door for easy installation.
- Sales in NSW Supply Authority regions require GMEPLK locking handle.
- Manufactured from 1.0mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.

Comes standard with:

- Key lockable door handle
- Black panel



Group MeteringEnclosures to suit multiple tenancy sites



PAINTED ENCLOSURES ONLY HB† No Din 405 432 254 385 385 230 1 IB† No Din 600 600 343 525 550 150 1 JB No Din 900 600 343 825 550 230 1 KB No Din 900 800 343 825 750 230 1 KB No Din 900 800 420 825 750 230 1 LB† No Din 1200 800 420 1124 750 230 1 MB† No Din 1200 1000 420 1124 950 230 1 MB*† No Din 1200 1000 420 1124 950 230 1 Double doors NB*† No Din 1200 1600 420 825 750 230 2 Double doors OB*† No Din 1200 1600 420 1124 750 230 2 Double doors OB*† No Din 1200 1600 420 1124 750 230 2 Double doors OB*† No Din 900 1600 420 1124 750 230 2 Double doors OB*† No Din 900 1600 420 1124 750 230 2 Double doors OB*† No Din 900 1600 420 1124 750 230 2 Double doors OB*† No Din 900 600 343 825 550 230 1 JB/U No Din 900 600 343 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U No Din 900 800 343 825 750 230 1			Dime	ensions ((mm)			Panel (mm)		_
JB P 24-pole 900 600 343 560 550 150 1	Part Number	DIN space	Height	Width	Depth	Height	Width	Depth Behind	No. of panels	Doors
JB P/16' 24-pole 900 600 420 560 550 230 1	PAINTED WITH DIN									
KBIP 30-pole 900 800 343 560 750 150 1 KBIP/10** 30-pole 900 800 420 560 750 230 1 LBIP 30-pole 1200 800 420 863 750 230 1 MBIP 36-pole 1200 1000 420 863 950 230 1 Double doors NBIP** 30-pole 900 1600 420 863 950 230 1 Double doors NBIP** 30-pole 900 1600 420 863 950 230 2 Double doors OBIP** 30-pole 1200 800 420 863 750 230 2 Double doors UNPAINTED WITH DIN JBIP** 30-pole 900 600 343 560 550 150 1 KBIP** 30-pole 900 800 343 560 750 150 1 KBIP** 30-pole 900 800 343 560 750 150 1 KBIP** 30-pole 900 800 420 560 750 230 1 KBIP** 30-pole 900 800 420 560 750 230 1 KBIP** 30-pole 900 800 420 560 750 230 1 KBIP** 30-pole 900 800 420 560 750 230 1 KBIP** 30-pole 1200 800 420 863 750 230 1 MBIP** 30-pole 1200 800 420 863 750 230 1 Double doors NBIP** 30-pole 1200 800 420 863 750 230 1 MBIP** 30-pole 1200 800 420 863 750 230 1 Double doors NBIP** 30-pole 1200 800 420 863 750 230 1 Double doors NBIP** 30-pole 1200 800 420 863 750 230 2 Double doors NBIP** 30-pole 1200 800 420 863 750 230 1 Double doors NBIP** 30-pole 1200 800 420 863 750 230 2 Double doors NBIP** 30-pole 1200 800 420 853 750 230 1 Double doors NBIP** No Din 900 800 343 825 550 230 1 KBI** No Din 900 800 343 825 550 230 1 KBI** No Din 900 800 420 825 750 230 1 KBI** No Din 1200 800 420 825 750 230 1 MBI** No Din 1200 800 420 825 750 230 2 Double doors NBIP** No Din 1200 1000 420 1124 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY UNPAINTED ENCLOSURES ONLY	JB/P	24-pole	900	600	343	560	550	150	1	
KB/P/16' 30-pole 900 800 420 560 750 230 1	JB/P/16 [†]	24-pole	900	600	420	560	550	230	1	
LB/P	KB/P	30-pole	900	800	343	560	750	150	1	
MB/P	KB/P/16 [†]	30-pole	900	800	420	560	750	230	1	
NB/P* 30-pole 900 1600 420 560 750 230 2 Double doors	LB/P	30-pole	1200	800	420	863	750	230	1	
NB/P 30-pole 1200 1600 420 822 750 230 2 Double doors	MB/P	36-pole	1200	1000	420	863	950	230	1	Double doors
Despire 1200 1600 420 863 750 230 2 Double doors	NB/P*	30-pole	900	1600	420			230	2	Double doors
JB/PU	OB/P*	30-pole	1200	1600	420			230	2	Double doors
KB/PU 30-pole 900 800 343 560 750 150 1 KB/PU/16¹ 30-pole 900 800 420 560 750 230 1 LB/PU 30-pole 1200 800 420 863 750 230 1 Double doors NB/PU* 30-pole 1200 1000 420 863 750 230 1 Double doors OB/PU* 30-pole 1200 1600 420 863 750 230 2 Double doors PAINTED ENCLOSURES ONLY HB° No Din 405 432 254 385 385 230 1 IB° No Din 600 600 343 525 550 150 1 JB No Din 900 800 343 825 550 230 1 KB No Din 900 800 343 825 750 230	UNPAINTED WITH DIN	ı								
KB/PU/16¹ 30-pole 900 800 420 560 750 230 1 LB/PU 30-pole 1200 800 420 863 750 230 1 MB/PU 36-pole 1200 1000 420 863 950 230 1 Double doors NB/PU* 30-pole 900 1600 420 863 750 230 2 Double doors OB/PU* 30-pole 1200 1600 420 863 750 230 2 Double doors PAINTED ENCLOSURES ONLY HB¹ No Din 405 432 254 385 385 230 1 IB¹ No Din 600 600 343 525 550 150 1 JB No Din 900 800 343 825 750 230 1 KB No Din 900 800 342 825 750 230	JB/PU	24-pole	900	600	343	560	550	150	1	
LB/PU 30-pole 1200 800 420 863 750 230 1 MB/PU 36-pole 1200 1000 420 863 950 230 1 Double doors NB/PU* 30-pole 900 1600 420 863 950 230 2 Double doors OB/PU* 30-pole 1200 1600 420 1124 750 230 2 Double doors PAINTED ENCLOSURES ONLY HB¹ No Din 405 432 254 385 385 230 1 IB² No Din 900 600 343 825 550 230 1 KBB/16¹ No Din 900 800 420 825 750 230 1 LB³ No Din 1200 1000 420 1124 750 230 1 MBb¹ No Din 1200 1600 420 1124 750 230 1 MBb¹ No Din 1200 1600 420 1124 750 230 1 MBb¹ No Din 900 1600 420 1124 750 230 1 MBb¹ No Din 1200 1000 420 1124 750 230 1 MBb¹ No Din 900 1600 420 825 750 230 1 MBb¹ No Din 1200 1000 420 1124 750 230 1 MBb¹ No Din 1200 1000 420 1124 750 230 2 Double doors NB*¹ No Din 1200 1600 420 1124 750 230 2 Double doors NB*¹ No Din 1200 1600 420 1124 750 230 2 Double doors NB*¹ No Din 1200 1600 420 825 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 NBB² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 420 1124 750 230 1 MBb² No Din 1200 1600 1420 825 750 230 1 KBB/U No Din 1200 800 420 825 750 230 1 KBB/U No Din 1200 800 420 825 750 230 1 MBb² No Din 1200 800 420 825 750 230 1 MBb² No Din 1200 800 420 825 750 230 1 MBb² No Din 1200 800 420 825 750 230 1 MBb² No Din 1200 800 420 825 750 230 1 MBb² No Din 1200 800 420 825 750 230 1 MB² No Din 1200 800 420 825 750 230 1 Double doors	KB/PU	30-pole	900	800	343	560	750	150	1	
MB/PU 36-pole 1200 1000 420 863 950 230 1 Double doors NB/PU* 30-pole 900 1600 420 560 822 750 750 230 2 Double doors OB/PU* 30-pole 1200 1600 420 1124 863 750 230 2 Double doors PAINTED ENCLOSURES ONLY HB* No Din 405 432 254 385 385 230 1 IB* No Din 600 600 343 525 550 150 1 JB No Din 900 600 343 825 550 230 1 KB No Din 900 800 343 825 750 230 1 LB** No Din 900 800 420 825 750 230 1 MB** No Din 1200 1000 420 1124 750 230 <td>KB/PU/16[†]</td> <td>30-pole</td> <td>900</td> <td>800</td> <td>420</td> <td>560</td> <td>750</td> <td>230</td> <td>1</td> <td></td>	KB/PU/16 [†]	30-pole	900	800	420	560	750	230	1	
NB/PU* 30-pole 900 1600 420 560 750 230 2 Double doors OB/PU* 30-pole 1200 1600 420 1124 750 230 2 Double doors PAINTED ENCLOSURES ONLY HB¹ No Din 405 432 254 385 385 230 1 IB¹ No Din 900 600 343 525 550 150 1 JB No Din 900 800 343 825 550 230 1 KB No Din 900 800 420 825 750 230 1 KB¹ No Din 1200 1600 420 1124 750 230 2 Double doors NB*¹ No Din 1200 1600 420 1124 750 230 2 Double doors NB*¹ No Din 900 1600 420 825 550 230 1 KB' No Din 900 1600 420 825 750 230 1 KB' No Din 900 1600 420 825 750 230 1 KB' No Din 900 1600 420 825 750 230 1 KB' No Din 1200 1000 420 1124 750 230 1 Double doors NB*¹ No Din 1200 1600 420 825 750 230 2 Double doors OB*¹ No Din 1200 1600 420 825 750 230 1 SUPPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U No Din 900 800 420 825 750 230 1 Double doors	LB/PU	30-pole	1200	800	420	863	750	230	1	
NB/PU* 30-pole 900 1600 420 822 750 230 2 Double doors PAINTED ENCLOSURES ONLY HBT	MB/PU	36-pole	1200	1000	420	863	950	230	1	Double doors
Painted Enclosures only Painted Enclosures only	NB/PU*	30-pole	900	1600	420			230	2	Double doors
HBt	OB/PU*	30-pole	1200	1600	420			230	2	Double doors
IB†	PAINTED ENCLOSURE	S ONLY								
No Din 900 600 343 825 550 230 1	HB⁺	No Din	405	432	254	385	385	230	1	
KB No Din 900 800 343 825 750 230 1 KB/16† No Din 900 800 420 825 750 230 1 LB† No Din 1200 800 420 1124 750 230 1 MB* No Din 1200 1000 420 1124 950 230 2 Double doors NB*† No Din 900 1600 420 825 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 420 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 550 230 1 KB/U16† No Din 900 800 343 825 750 230 1	IB⁺	No Din	600	600	343	525	550	150	1	
KB/16† No Din 900 800 420 825 750 230 1 LB† No Din 1200 800 420 1124 750 230 1 MB* No Din 1200 1000 420 1124 950 230 1 Double doors NB*† No Din 900 1600 420 825 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 1 JB/U/16† No Din 900 600 420 825 550 230 1 1 KB/U No Din 900 800 343 825 550 230 1 1 KB/U/16† No Din 900 800 343 825 750 230 1 1 LB/U No Din 900 800 420 825	JB	No Din	900	600	343	825	550	230	1	
LB† No Din 1200 800 420 1124 750 230 1 MB† No Din 1200 1000 420 1124 950 230 1 Double doors NB*† No Din 900 1600 420 825 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 1 JB/U/16† No Din 900 600 420 825 550 230 1 1 KB/U No Din 900 800 420 825 550 230 1 1 KB/U/16† No Din 900 800 343 825 750 230 1 1 KB/U No Din 900 800 420 825 750 230 1 1 LB/U No Din 1200 800 420	KB	No Din	900	800	343	825	750	230	1	
MB† No Din 1200 1000 420 1124 950 230 1 Double doors NB*† No Din 900 1600 420 825 750 230 2 Double doors OB*† No Din 1200 1600 420 1124 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 750 <	KB/16 [†]	No Din	900	800	420	825	750	230	1	
NB*† No Din 900 1600 420 825 750 230 2 Double doors OB*† No Din 1200 1600 420 1124 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 420 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U** No Din 900 1600 420 825 750 </td <td>LB⁺</td> <td>No Din</td> <td>1200</td> <td>800</td> <td>420</td> <td>1124</td> <td>750</td> <td>230</td> <td>1</td> <td></td>	LB⁺	No Din	1200	800	420	1124	750	230	1	
OB*† No Din 1200 1600 420 1124 750 230 2 Double doors UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 750 230 1 Double doors NB/U** No Din 900 1600 420 825 750 230 2 Double doors	MB [†]	No Din	1200	1000	420	1124	950	230	1	Double doors
UNPAINTED ENCLOSURES ONLY JB/U No Din 900 600 343 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U*† No Din 900 1600 420 825 750 230 2 Double doors	NB*†	No Din	900	1600	420	825	750	230	2	Double doors
JB/U No Din 900 600 343 825 550 230 1 JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U*† No Din 900 1600 420 825 750 230 2 Double doors	OB* [†]	No Din	1200	1600	420	1124	750	230	2	Double doors
JB/U/16† No Din 900 600 420 825 550 230 1 KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U*† No Din 900 1600 420 825 750 230 2 Double doors	UNPAINTED ENCLOSU	IRES ONLY								
KB/U No Din 900 800 343 825 750 230 1 KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U** No Din 900 1600 420 825 750 230 2 Double doors	JB/U	No Din	900	600	343	825	550	230	1	
KB/U/16† No Din 900 800 420 825 750 230 1 LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U** No Din 900 1600 420 825 750 230 2 Double doors	JB/U/16 [†]	No Din	900	600	420	825	550	230	1	
LB/U No Din 1200 800 420 1124 750 230 1 MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U*1 No Din 900 1600 420 825 750 230 2 Double doors	KB/U	No Din	900	800	343	825	750	230	1	
MB/U No Din 1200 1000 420 1124 950 230 1 Double doors NB/U*† No Din 900 1600 420 825 750 230 2 Double doors	KB/U/16 [†]	No Din	900	800	420	825	750	230	1	
NB/U* [†] No Din 900 1600 420 825 750 230 2 Double doors	LB/U	No Din	1200	800	420	1124	750	230	1	
	MB/U	No Din	1200	1000	420	1124	950	230	1	Double doors
OB/U* [†] No Din 1200 1600 420 1124 750 230 2 Double doors	NB/U* [†]	No Din	900	1600	420	825	750	230	2	Double doors
	OB/U*†	No Din	1200	1600	420	1124	750	230	2	Double doors

^{*}Two panels supplied with product †While stocks last

ACCESSORIES	;																																	
Part Number	Product	JB/P	JB/P/16	KB/P	KB/P/16	LB/P	MB/P	NB/P	OB/P	JB/PU	JB/PU/16	KB/PU	KB/PU/16	LB/PU	MB/PU	NB/PU	OB/PU	里	<u>B</u>	JB B	KB	KB/16	LB	MB	NB	OB	JB/U	JB/U/16	KB/U	KB/U/16	LB/U	MB/U	NB/N	OB/N
GMEPLK	Padlockable handle	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
JB/PLINTH	Plinths	•								•	•									•							•							
KB/PLINTH	Piintns				•	•							•	•								•	•							•	•			

Temporary Site Power Enclosures to suit construction sites













- For use on all construction sites where temporary power is required.
- Sturdy insulated tie bar.
- Insulated entry for power leads.
- Space for mounting of links.
- Removable escutcheon for easy access.
- Complies to AS/NZS3012
- Manufactured from 1.0mm galvanised steel to Z275.



shown not always included.

			To suit	Dime	ensions (mm)
Part Number	Inclusions	DIN space	Rows	Height	Width	Depth
ENCLOSURES ONL	Υ	·				
TB001502		15-pole	1 row of 15-poles	343	230	225
TB004202		42-pole	2 rows of 21-poles	495	483	275
TB005402		54-pole	2 rows of 27-poles	648	635	275
Complies with NSV	OSURE (All States except VIC) V WorkCover requirements with lockable cover.					
TSPB1504	4 x 10A			343	230	225
TSPB4206	6 x 10A			495	485	275
TSPB548	8 x 10A			648	635	275
TSPB5483	8 x 10A, 1 x 20A (3-phase)			648	635	275
PRE-WIRED ENCLO Includes lighting te	OSURE (Victoria Only) est facilities.					
TBV1502	3 x 10A, 1 x 15A			343	230	225
TBV4202 [†]	7 x 10A, 1 x 15A			495	483	275
TBV5402 [†]	9 x 10A, 1 x 15A			648	635	275
TBV5404 [†]	9 x 10A, 1 x 15A, 1 x 20A (3-phase)			648	635	275

[†]While stocks last

ACCESSORIES												
Part Number	Product	TB001502	TB004202	TB005402	TSPB1504	TSPB4206	TSPB548	TSPB5483	TBV1502	TBV4202	TBV5402	TBV5404
Part Number	Product				_	_	_				_	_
TBSC01	- MCB/RCCB/RCBO Lockable Security cover		•	•								
TBSC02	WCB/NCCB/NCBO Lockable Security cover	•										
TBEA01	Lead extension arm	•	•	•	•	•	•	•	•	•	•	•
TBMS01	Stand	•	•	•	•	•	•	•	•	•	•	•
TBMS15MK	Mounting kit	•			•				•			

Tee-Off Enclosures

Enclosures to suit construction sites











- Suitable for multi-storey building power distribution and metering applications.
- Removable sides for greater wiring access for greater
- Easy fused tee-off point of bigger cable where required.
- Capable of housing current limiting fuses from 100A to 400A.
- Manufactured from:
 - Body 1.6mm zinc coated steel
 - Chassis 1.2mm galvanised steel
 - Escutcheon 1.2mm galvanised steel
- Powdercoated Grey White RAL9002.



			Dim	ensions (mm)
Part Number	To suit current limiting fuse*	DIN size	Height	Width	Depth
TF16063P	100/160A, 1 x LT052 or 2 x LT052	00	500	325	250
TF25033P	250A, 1 x LT150	01	500	325	250
TF25063P	2 x 250A, 2 x LT150	01	500	570	250
TF40033P	400A, 1 x LT250	01	500	325	250
TF40063P	2 x 400A, 2 x LT250	01	500	570	250

^{*} Fuse not included

T-OFF END OF	LINE KIT					
Part Number	Description	F16063P	F25033P	F25063P	F40033P	F40063P
- untivallibel	Description		'-	-	-	
TF32542L [†]	To suit 325 mm wide enclosures	•	•	•	•	
TF56542L [†]	To suit 570 mm wide enclosures					•

[†] While stocks last



TF56542L

Hinged Switchboard Frames Internal use general purpose frames











- Suitable for use in internal and switchroom applications.
- Effective solution for general purpose metering requirements.
- Black panel.
- Manufactured from 1.0mm or 1.6mm galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



	Dim	ensions (mm)		Panel	(mm)
Part Number	Height	Width	Depth	Height	Width	Depth Behind
WITHOUT BACK						
SF1208/NB	306	213	102	302	203	100
SF1212/NB	306	311	102	302	303	100
SF1414/NB	358	355	102	355	355	100
SF1614/NB	410	355	102	406	355	100
SF1812/NB	461	303	102	457	303	100
SF1818/NB	461	457	102	457	457	100
SF1818/NB/6 [†]	461	457	152	457	457	150
SF2418/NB	618	457	102	610	457	100
SF2418/NB/6 [†]	618	457	152	610	457	150
SF2424/NB	618	610	102	610	610	100
SF2424/NB/6	618	610	152	610	610	150
SF3024/NB [†]	762	610	152	762	610	150
SF3030/NB [†]	762	762	152	762	762	150
SF3624/NB [†]	914	610	152	914	610	150
SF3630/NB [†]	914	762	152	914	762	150
SF3636/NB [†]	914	914	230	914	914	230
SF4836/NB [†]	1219	914	230	1219	914	230
WITH BACK						
SF1208	306	213	102	302	203	100
SF1212	306	311	102	302	303	100
SF1414	358	365	102	355	355	100
SF1614	410	365	102	406	355	100
SF1812	461	311	102	457	303	100
SF1818	461	466	102	457	457	100
SF1818/6 [†]	461	466	151	457	457	150
SF2418	618	466	102	610	457	100
SF2418/6 [†]	618	466	151	610	457	150
SF2424	618	613	102	610	610	100
SF2424/6	618	613	151	610	610	150

[†] While stocks last



CT Metering Small main boards & CT chassis systems













- Suitable for the mounting of supply authority and private current transformers.
- Manufactured from 1.6mm zinc coated steel or 316 stainless steel available on request.
- Powdercoated Pebble Grey RAL7032.



ORDERING GUIDE

				Dim	ensions (mm)
Part Number	Description	CT Chassis Rating	Test	Height	Width	Depth
SMB ENCLOSURES	S IP66					
SMB1/1	Cabinet supplied with meter and consumer panel (NT, SA, NSW, TAS)	600A	50kA for 1 sec	2000	800	500
SMB1/15	Cabinet supplied with meter and consumer panel (ex VIC)	630A	36kA for 1 sec	2075	800	500
SMB1/15/S	Cabinet supplied with meter and consumer panel (ex VIC)	630A	36kA for 1 sec	2075	800	500
SMB1/40	Cabinet supplied with meter and consumer panel (QLD only)	600A	50kA for 1 sec	2000	800	400
CT ENCLOSURES I	P33					
CTB/E2	Cubicle empty fitted with 3 x 32A HRC potentional fuses (holders only), weatherproof. To suit CTC200/400A and CTC/630A. Available in RAL7035 Light Grey.			500	720	340
CT CHASSIS						
CTC/68	CT chassis with busbar	600A	50kA for 1 sec	550	770	100
CTC200/400A	CT chassis for S-Type CTs	200/400A	25kA for 1 sec	500	400	95
CTC630A	CT chassis for T-Type CTs	630A	36kA for 1 sec	500	400	120

ACCESSORIES

Part Number	Product	Description	CTB/E
CTBSHLD	Shield	Safety screen for CTB/E2	•
CTPFK	Potential fuse kit	Current transformer – no fuse links	•









Metal Enclosures

Suitable for general purpose use











- Solution for housing general purpose electrical equipment.
- Suitable for use in power distribution and metering applications.
- Top hinged removable door with door stay.
- Includes double hinged electrical grade blank panel for mounting equipment.
- Manufactured from galvanised steel to Z275.
- Powdercoated Light Grey RAL7035.



	Dimensions (mm)			Panel	(mm)
Part Number	Height	Width	Depth	Height	Width
UNPAINTED					
TB1208/U	343	230	204	305	203
TB1212/U	343	330	254	305	305
TB1414/U	395	381	254	356	356
TB1614/U	444	381	254	406	356
TB1812/U	495	330	254	457	305
TB1818/U	495	483	254	457	457
TB1818/U/13	495	483	330	457	457
TB2418/U	648	483	254	609	457
TB2424/U	648	635	254	609	609
TB2424/U/13	648	635	330	609	609
PAINTED					
TB1208/P [†]	343	230	204	305	203
TB1212/P [†]	343	330	254	305	305
TB1414/P [†]	395	381	254	356	356
TB1614/P [†]	444	381	254	406	356
TB1812/P [†]	495	330	254	457	305
TB2418/P [†]	648	483	254	609	457
TB2424/P [†]	648	635	330	609	609

[†]While stocks last

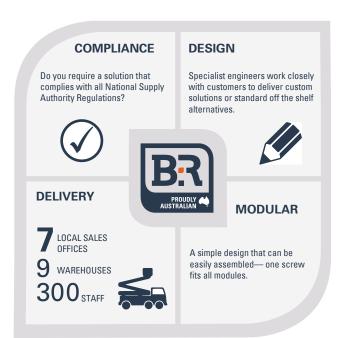


Introducing **Infinity 3G.**The only solution you need for compliance to Australian Standards and Supply Authority Regulations.



Infinity 3G modular switchboard solutions

The new Australian Standard in modular switchboard solutions.



OVERVIEW

B&R's Infinity 3G range provides a national approach to power distribution and metering. Comprehensively tested and certified to bring you a product of the highest quality.

Infinity 3G is designed to provide a modular solution for commercial and residential applications up to 630Amps.

THE DESIGN ADVANTAGE

- Complies with all new Australian Switchboard Standards
- · Meets and exceeds all National Authority Regulations
- For power distribution and metering applications up to 630Amps.
- Simple design to reduce errors and call backs
- Easily assembled saving time and labour
- Tested to IEC 61439 and in compliance with AS/NZS 61439 the new Australian standard for switchboards.
- Enclosures to suit all environmental conditions and are available in IP66, IP34 and IP2x
- Metric Matrix modular system makes switchboard design quick and compact.
- One screw fits all modules reducing time to assemble and the number of people required.
- Hinged escutcheons improve safety during maintenance.
- Loose supply, pre-assembled or pre-wired options to suit your time and budget.



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