

MULTI-RESIDENTIAL



INDUSTRIAL

HAZARDOUS
AREAS

DATA ICT

RESIDENTIAL
COMMERCIAL



Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learnt 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 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.

At B&R, we have been delivering safety for people and security for equipment since 1955. Our products are Made in Australia for Australian conditions.



Solutions for all environments

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

Some of the largest companies around the world use B&R as a major supplier. These include Telstra, NBN Co. 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
- CH2MHill 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

- Zones 1&2, 21&22
- Exe & Exd Enclosures
- Lighting
- Weatherproof
- Plugs & Sockets

Victoria Group Metering

Enclosures to suit VIC applications



✓
VIC Supply
Authority

- 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

Part Number	Inclusions			Dimensions (mm)				SCCD Option
	Tenancies	Meter Fuses	Tenancy Type	Height	Width	Depth	Depth Behind Panel (mm)	
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	–

* Plain panel suitable for single and 3-phase applications.

[#] Room for 8th meter if required.

PLINTHS

Part Number	Height	Width	Depth	GMPV04	GMPV05	GMPV07	GMUV04	GMUV05	GMUV07
GM04P	600	485	350	•			•		
GM05P	500	630	320		•			•	
GM07P	500	800	420			•			•



Plinths

South Australia Group Metering

Enclosures to suit SA applications



VIC Supply Authority

- 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.



ORDERING GUIDE

Part Number	Type of Enclosure	Dimensions (mm)			Max. number	Meters		Meter Isolator	Sub-Main Breaker
		Height	Width	Depth		Type of meter			
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

PLINTHS

Part Number	Height	Width	Depth	SGM/JB1	SGM/JB2	SGM/KB1	SGM/KB2	SGM/LB1	SGM/LB2	SGM/LB3
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 Metering

Enclosures to suit multiple tenancy sites



ORDERING GUIDE

Part Number	DIN space	Dimensions (mm)			Panel (mm)			No. of panels	Doors
		Height	Width	Depth	Height	Width	Depth Behind		
PAINTED WITH DIN									
JB/P	24-pole	900	600	343	560	550	150	1	
JB/P/16†	24-pole	900	600	420	560	550	230	1	
KB/P	30-pole	900	800	343	560	750	150	1	
KB/P/16†	30-pole	900	800	420	560	750	230	1	
LB/P	30-pole	1200	800	420	863	750	230	1	
MB/P	36-pole	1200	1000	420	863	950	230	1	Double doors
NB/P*	30-pole	900	1600	420	560 822	750 750	230	2	Double doors
OB/P*	30-pole	1200	1600	420	1124 863	750 750	230	2	Double doors
UNPAINTED WITH DIN									
JB/PU	24-pole	900	600	343	560	550	150	1	
KB/PU	30-pole	900	800	343	560	750	150	1	
KB/PU/16†	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	560 822	750 750	230	2	Double doors
OB/PU*	30-pole	1200	1600	420	1124 863	750 750	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	
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
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	950	230	1	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	HB	IB	JB	KB	KB/16	LB	MB	NB	OB	JB/U	JB/U/16	KB/U	KB/U/16	LB/U	MB/U	NB/U	OB/U	
GMEPLK	Padlockable handle	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
JB/PLINTH	Plinths	•								•	•									•							•								
KB/PLINTH				•	•								•	•									•	•						•	•				

B&R's smart, national approach to metering, **Infinity 3G** provides a modular solution for power distribution and metering applications up to 630Amps.

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.**



The B&R Enclosures Infinity 3G product range.





OVERVIEW

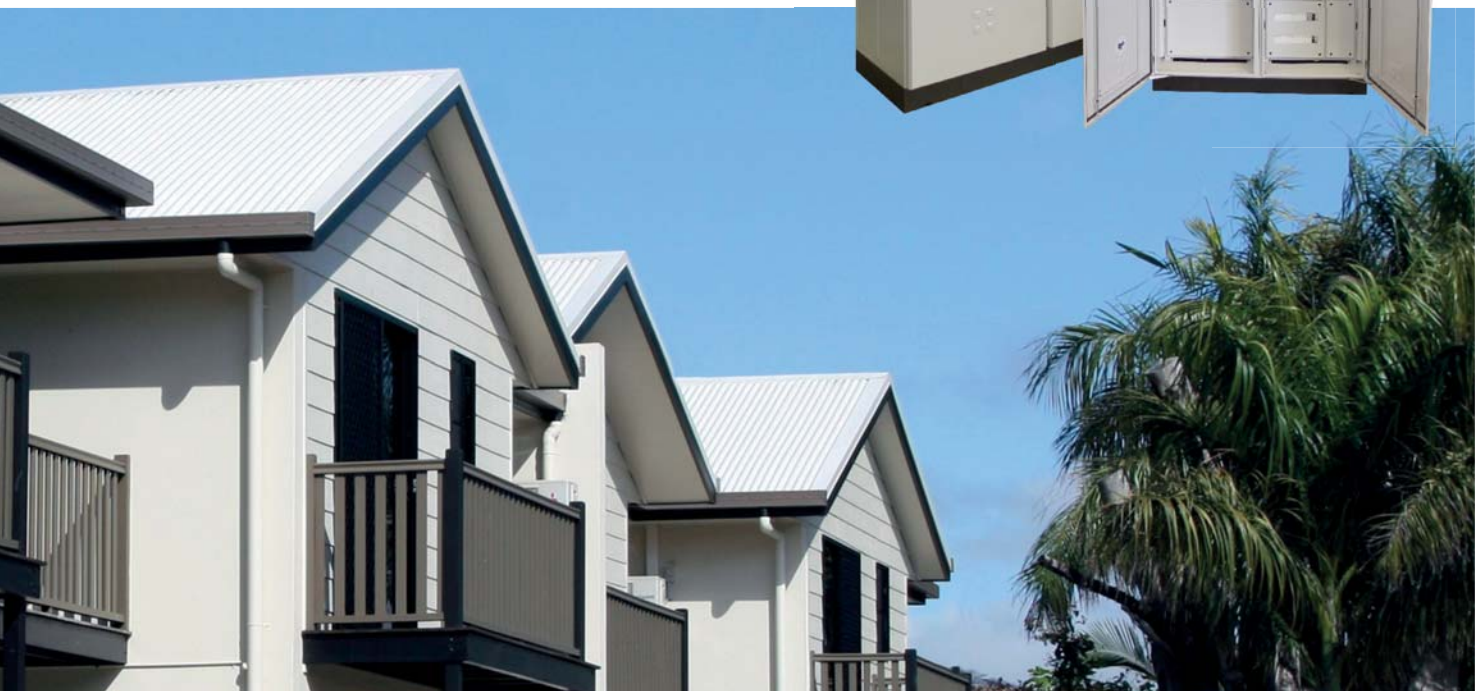
B&R's Infinity 3G range provides a national approach to power distribution and metering. Comprehensively tested and certified to bring you a product of the highest quality.

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 AS/NZS 3439 and compliant 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.
- Escutcheons and panels are interchangeable and allow for either left or right hinging.
- Special door hinging allows door to be left or right hinged.
- Loose supply, pre-assembled or pre-wired options to suit your time and budget.

<p>COMPLIANCE</p> <p>Do you require a solution that complies with all National Supply Authority Regulations?</p> 	<p>DESIGN</p> <p>Specialist engineers work closely with customers to deliver custom solutions or standard off the shelf alternatives.</p> 
<p>DELIVERY</p> <p>7 LOCAL SALES OFFICES</p> <p>9 WAREHOUSES</p> <p>300 STAFF</p> 	<p>MODULAR</p>  <p>A simple design that can be easily assembled— one screw fits all modules.</p>



AUSTRALIA

Sales

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E: sales@brenclosures.com.au
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QUEENSLAND

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TASMANIA Distribution

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NORTHERN TERRITORY Distribution

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NEW ZEALAND

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