BUILT BOARDS

AUTOMATION SWITCHBOARDS

AUGUST 2019 PRODUCT GUIDE

COMBINATION NBN ENCLOSURE - PART #BBNBNSB24

Flush Mounting is a two step process with the main enclosure to be installed at frame stage and finished after wall lining has occurred. This enclosure cannot be recessed after wall lining.

Surface mount with optional BBNBNSB24SM trim kit.

Full instructions available online at: www.builtboards.com.au/install

Surface mounted using BBNBNSB24SM Kit (required) as shown above

- Supplied with a double powerpoint, 6 Gang grid plate and 6 CAT6 outlets
- Strong construction
- Lightweight aluminium door
- Compliant to NBN Co **NBN-DES-STD-0011**

SPECS

CONSTRUCTION & TECHNICAL	
FINISHED SIZE (flush)	Door 1065mm(H) x 475mm(W) x 45mm(D)
FINISHED SIZE (surface)	1170mm(H) x 490mm(W) x 135mm(D)
ENCLOSURE MATERIAL	1mm sheet metal
DOOR	2mm aluminium
CABLE ENTRY	4 x 26mm, 3 x 38mm knockouts to top & 6 x 38mm knockouts to left side
SUPPLIED WITH	1 x double GPO, 1 x 6 gang CAT6 outlet & 2 x blank plates for future expansion
FLUSH MOUNTING	**Recess** size is 405mm(W) between studs and 1005mm(H)
GEAR TRAY	630mm x 300mm size gear tray mounting footprint
COLOUR	White
DOOR CATCH	Magnetic
DOOR SWING	RH hinged, can be field reversed
SUB BOARD SECTION	2 x 18 pole main earth and neutral bars, 2 x rows of 12 pole din rail
COMPLIANCE	Exceeds the minimum requirements of the NBN Co guideline NBN-DES-STD-0011

ORDERING INFORMATION	
BBNBNSB24	Combination 24 pole sub-board and NBN enclosure - flush mount
BBNBNSB24SM	Surface mount trim kit only - required for surface mount install

NBN ENCLOSURE - PART #BBNBNV1

Supplied complete ready to install

32mm knockouts and rear entry window

Surface mount or flush installation

Optional trim kit for flush mount installation

Flush mounted trim fitted to hide cutout
- optional BBNBNFK

NBN ENCLOSURE - PART #BBNBNV1

- Supplied with a double powerpoint, 6 Gang grid plate and 6 CAT6 outlets
- Strong construction
- Lightweight aluminium printed gear tray
- WiFi friendly
- Upper and lower vents
- 2 x chrome padlockable knobs
- 32mm knockouts top and rear
- Rear entry window
- Compliant to NBN Co **NBN-DES-STD-0011**

SPECS

CONSTRUCTION & TECHNICAL	
ENCLOSURE MATERIAL	1.2mm sheet metal
ACCESSORIES	1 x double power point, 1 x 6 gang grid plate, 6 x CAT6 outlets and 1 x blank plate
GEAR TRAY	2mm powder coated and printed aluminium
DOOR LOCK	2 x chrome padlockable turn knobs
CABLE ENTRY	7 x 32mm knockouts to top and rear access hole
MOUNTING	Surface or recess
SIZE	700mm(H) x 400mm(W) x 150mm(D)
VENTILATION	Upper and lower vents to door
COLOUR	Powder coated in white
CONSTRUCTION	Folded and fully welded
WIFI	WiFi friendly, independently tested by AusTest Laboratories. Report available on request
COMPLIANCE	Exceeds the minimum requirements of the NBN Co guideline NBN-DES-STD-0011

ORDERING INFORMATION	
BBNBNV1	NBN enclosure complete kit
BBNBNFK	Recess trim kit

NBN ENCLOSURE WITH ADDED CONSUMER SPACE – PART #BBNBNXL

- Supplied with a 2 x double power points, 2 x 6 Gang grid plates and 12 x CAT6 outlets
- Lightweight aluminium printed gear tray
- WiFi friendly
- Strong construction
- 32mm knockouts top and rear
- Rear entry window
- 2x Chrome padlockable knobs
- Upper and lower vents
- Compliant to NBN Co **NBN-DES-STD-0011**

SPECS

CONSTRUCTION & TECHNICAL	
ENCLOSURE MATERIAL	1.2mm sheet metal
ACCESSORIES	2 x double power points, 2 x 6 gang grid plates, 12 x CAT6 outlets and 2 x blank plates
GEAR TRAY	2mm powder coated and printed aluminium
DOOR LOCK	2 x Chrome padlockable turn knobs
CABLE ENTRY	7 x 32mm knockouts to top and rear access hole
MOUNTING	Surface or recess
SIZE	1000mm(H) x 400mm(W) x 150mm(D)
VENTILATION	Upper and lower vents to door
COLOUR	Powder coated in white
CONSTRUCTION	Folded and fully welded
WIFI	WiFi friendly, independently tested by AusTest Laboratories. Report available on request
COMPLIANCE	Exceeds the minimum requirements of the NBN Co guideline NBN-DES-STD-0011

ORDERING INFORMATION	
BBNBNXL	NBN enclosure complete kit
BBNBNXLFK	Recess trim kit

NBN ENCLOSURE WITH ADDED CONSUMER SPACE – PART #BBNBNXL

Flush mounted trim kit
to hide cutout
- optional BBNBNXLFK

Surface mount or
flush installation

Supplied complete
ready to install

Optional trim kit for flush
mounted installation
BBNBNXLFK

BUILT BOARDS AUTOMATION ENCLOSURES

BB09 illustrated

Made in Australia to Australian standards, our switchboards are a must for any electrician who is serious about the home automation hardware they are installing. Refer to the quick selection guide below and find out more details overleaf.

QUICK SELECTION GUIDE

PRODUCT NAME	POLE QUANTITY	POLE DETAILS	SIZE	WEIGHT
BB03*	81 POLE	3 x 27 pole din Rail	600mm(H) x 800mm(W) x 220mm(D)	40Kg
BB06*	162 POLE	6 x 27 pole din Rail	1200mm(H) x 800mm(W) x 220mm(D)	68Kg
BB07*	189 POLE	7 x 27 pole din Rail	1400mm(H) x 800mm(W) x 220mm(D)	79Kg
BB09*	243 POLE	9 x 27 pole din Rail	1800mm(H) x 800mm(W) x 220mm(D)	95Kg

**Colour Prefix W = White BK = Black Eg BB06W or BB06BK. White is the standard stocked colour.*

AUTOMATION ENCLOSURE PART #BB03

- 81 poles over 3 rows of 27 pole din rail
- 300mm wide cable tray for cable dressing and securing
- Lift off hinges which can be field reversed for opposite door swing
- 6 x individual neutral and 6 x individual earth bars
- 24 pole main earth and neutral bars
- 600mm (H) x 800mm (W) x 220mm (D)
- Removable hinged escutcheon
- **AUSTRALIAN MADE**

AUSTRALIAN MADE

SPECS

CONSTRUCTION	
ENCLOSURE MATERIAL	1.6mm sheet metal
ESCUTCHEON	1.6mm steel with fixing screw
DOOR LOCK	1 x flush Key Lock CL001
CABLE ENTRY	Top/bottom removable gland plates
MOUNTING	Surface or recess
SIZE	600mm(H) x 800mm(W) x 220mm(D)

TECHNICAL	
DEGREE OF PROTECTION	IP42 – to AS.1939.1
FORM OF SEGREGATION	Form 1 – to AS.3439.1
BOARD LOCATION	Indoor
POLES	81 poles over 3 rows of 27 pole din rail

SUPPLIED WITH
24 pole main earth and 24 pole main neutral bars
6 x 12 pole earth and 6 x 12 pole neutral bars
6 x 50mm snap bushes
Cable ties
Heat shrink red, white, blue, black and earth
Circuit identification stickers
Circuit schedule card
Pole filler strips

ORDERING INFORMATION**	
BB03W	White powder coat
BB03BK	Black powder coat

***Custom colours available, made to order*

AUTOMATION ENCLOSURE PART #BB06

- 162 poles over 6 rows of 27 pole din rail
- 300mm wide cable tray for cable dressing and securing
- Lift off hinges which can be field reversed for opposite door swing
- 12 x individual neutral and 12 x individual earth bars
- 42 pole main earth and neutral bars
- 1200mm (H) x 800mm (W) x 220mm (D)
- Removable hinged escutcheon
- **AUSTRALIAN MADE**

AUSTRALIAN MADE

SPECS

CONSTRUCTION	
ENCLOSURE MATERIAL	1.6mm sheet metal
ESCUTCHEON	1.6mm steel with fixing screw
DOOR LOCK	1 x Flush Key Lock CL001
CABLE ENTRY	Top/bottom removable gland plates
MOUNTING	Surface or recess
SIZE	1200mm(H) x 800mm(W) x 220mm(D)

TECHNICAL	
DEGREE OF PROTECTION	IP42 – to AS.1939.1
FORM OF SEGREGATION	Form 1 – to AS.3439.1
BOARD LOCATION	Indoor
POLES	162 poles over 6 rows of 27 pole din rail

SUPPLIED WITH
42 pole main earth and 42 pole main neutral bars
12 x 12 pole earth and 12 x 12 pole neutral bars
7 x 50mm snap bushes
Cable ties
Heat shrink red, white, blue, black and earth
Circuit identification stickers
Circuit schedule card
Pole filler strips

ORDERING INFORMATION**	
BB06W	White powder coat
BB06BK	Black powder coat

***Custom colours available, made to order*

AUTOMATION ENCLOSURE PART #BB07

- 189 poles over 7 rows of 27 pole din rail
- 300mm wide cable tray for cable dressing and securing
- Lift off hinges which can be field reversed for opposite door swing
- 14 x individual neutral and 14 x individual earth bars
- 42 pole main earth and neutral bars
- 1400mm (H) x 800mm (W) x 220mm (D)
- Removable hinged escutcheon
- **AUSTRALIAN MADE**

AUSTRALIAN MADE

SPECS

CONSTRUCTION	
ENCLOSURE MATERIAL	1.6mm sheet metal
ESCUTCHEON	1.6mm steel with fixing screw
DOOR LOCK	2 x Flush Key Lock CL001
CABLE ENTRY	Top/bottom removable gland plates
MOUNTING	Surface or recess
SIZE	1400mm(H) x 800mm(W) x 220mm(D)

TECHNICAL	
DEGREE OF PROTECTION	IP42 – to AS.1939.1
FORM OF SEGREGATION	Form 1 – to AS.3439.1
BOARD LOCATION	Indoor
POLES	189 poles over 7 rows of 27 pole din rail

SUPPLIED WITH
42 pole main earth and 42 pole main neutral bars
14 x 12 pole earth and 14 x 12 pole neutral bars
7 x 50mm snap bushes
Cable ties
Heat shrink red, white, blue, black and earth
Circuit identification stickers
Circuit schedule card
Pole filler strips

ORDERING INFORMATION**	
BB07W	White powder coat
BB07BK	Black powder coat

***Custom colours available, made to order*

AUTOMATION ENCLOSURE PART #BB09

- 243 poles over 9 rows of 27 pole din rail
- 300mm wide cable tray for cable dressing and securing
- Lift off hinges which can be field reversed for opposite door swing
- 18 x individual neutral and 18 x individual earth bars
- 42 pole main earth and neutral bars
- 1800mm (H) x 800mm (W) x 220mm (D)
- Removable hinged escutcheon
- **AUSTRALIAN MADE**

AUSTRALIAN MADE

SPECS

CONSTRUCTION	
ENCLOSURE MATERIAL	1.6mm sheet metal
ESCUTCHEON	1.6mm steel with fixing screw
DOOR LOCK	2 x Flush Key Lock CL001
CABLE ENTRY	Top/bottom removable gland plates
MOUNTING	Surface or recess
SIZE	1800mm(H) x 800mm(W) x 220mm(D)

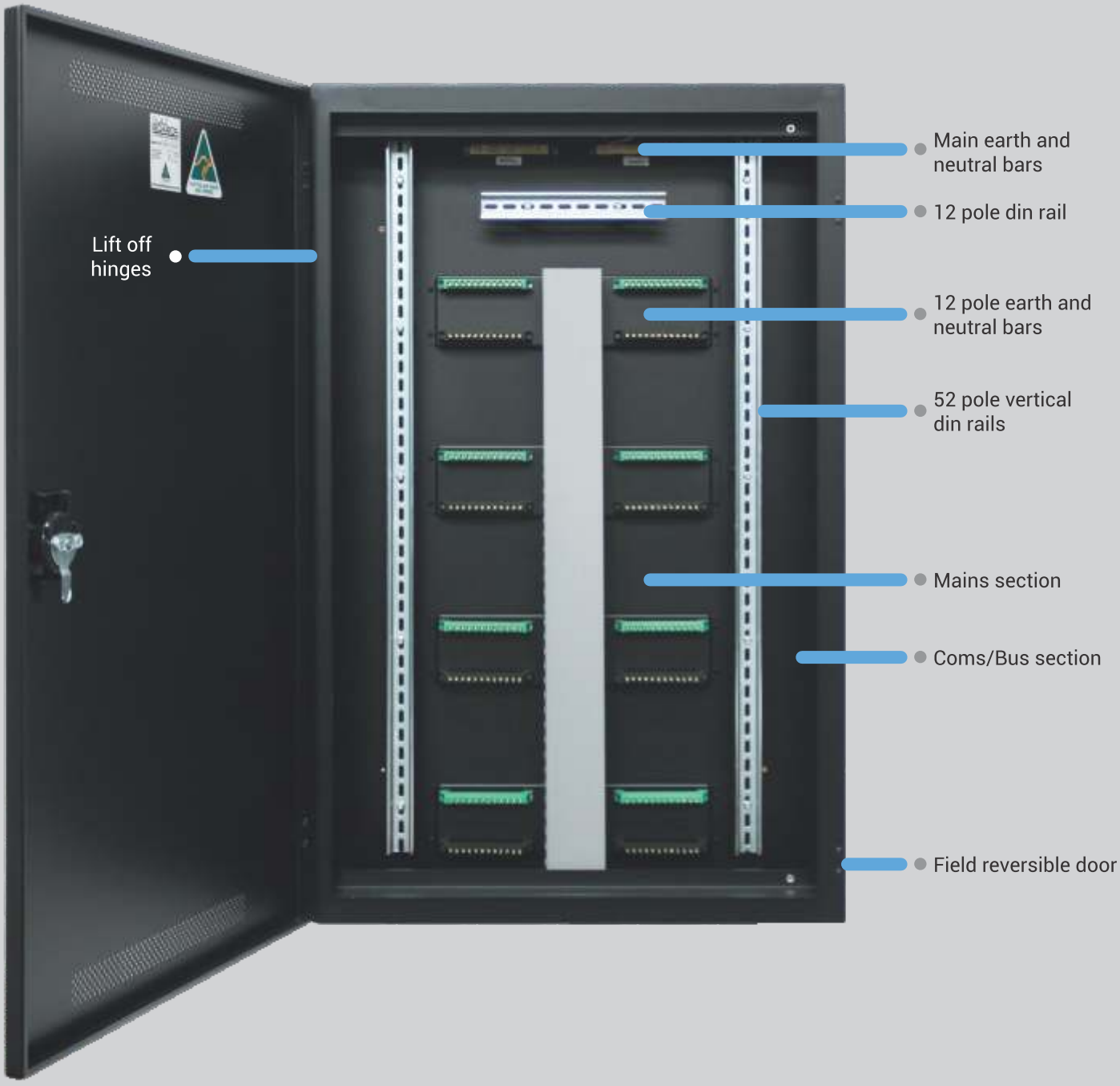
TECHNICAL	
DEGREE OF PROTECTION	IP42 – to AS.1939.1
FORM OF SEGREGATION	Form 1 –to AS.3439.1
BOARD LOCATION	Indoor
POLES	243 poles over 9 rows of 27 pole din rail

SUPPLIED WITH
42 pole main earth and 42 pole main neutral bars
18 x 12 pole earth and 18 x 12 pole neutral bars
10 x 50mm snap bushes
Cable ties
Heat shrink red, white, blue, black and earth
Circuit identification stickers
Circuit schedule card
Pole filler strips

ORDERING INFORMATION	
BB09W	White powder coat
BB09BK	Black powder coat

***Custom colours available, made to order*

CONTROL 4 AUTOMATION ENCLOSURE



This new enclosure has been developed to use with Control 4 Hardware. The design allows for the hardware to be installed vertically. The Com/Bus wiring and connections run around the outside to solve the issues of segregation from the mains wiring at the top and down the centre.

CONTROL 4 AUTOMATION ENCLOSURE PART #BBC4-8-116P

- 116 poles total
- Suits 8 x Control 4 units plus breakers or 9 units maximum @12p each
- Lift off hinges which can be field reversed for opposite door swing
- 8 x individual neutral and 8 x individual earth bars
- 12 pole main earth and neutral bars
- Removable hinged escutcheon

AUSTRALIAN MADE

SPECS

CONSTRUCTION	
ENCLOSURE MATERIAL	1.6mm sheet metal
ESCUTCHEON	1.6mm steel with fixing screw
DOOR LOCK	1 x flush Key Lock CL001
CABLE ENTRY	Top/bottom knockouts
MOUNTING	Surface or recess
SIZE	1100mm(H) x 710mm(W) x 170mm(D)

TECHNICAL	
FORM OF SEGREGATION	Form 1 - AS.3439.1
BOARD LOCATION	Indoor
POLES	116 poles total

ORDERING INFORMATION**	
BBC4-8-116P	Black powder coat

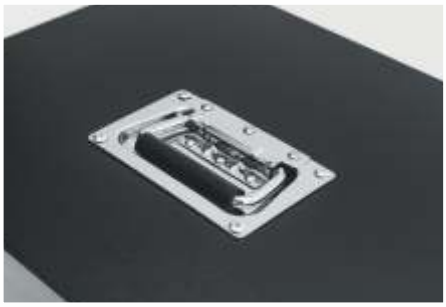
***Custom colours available, made to order*

PART# BITSABOX

BITSA BOX

- Flightcase hardware

- Heavy duty galvanised steel
- Fully welded construction
- Two removable trays with rubber feet



SPECS

CONSTRUCTION	
BITSA BOX MATERIAL	1.2mm Galvanised sheet metal Box & 1.0mm trays
COLOUR	Black Ripple powder coat
CONSTRUCTION	Fully welded
SIZE	200mm(H) x 420mm(W) x 320mm(D)
LATCHES	2 x flightcase butterfly latches
HANDLE	Spring loaded folding flightcase handle with rubber grip
LININGS	3mm self-adhesive blue felt
WEIGHT	12kg

ORDERING INFORMATION	
BITSABOX	Steel Screw Box, 2 tray Black

BUILT BOARDS
AUTOMATION SWITCHBOARDS

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