

Distribution Board Range

CBI-electric offer a comprehensive range of distribution boards that are designed & manufactured to meet the challenges of a modern installation. Our range is notable for its uniform design & functionality, providing a flexible & reliable electrical distribution system for industrial, commercial & infrastructure applications.



Introducing the CBI Family of Distribution Boards

The CBI range of distribution boards are designed and manufactured to the highest quality standards for optimum field versatility, for even the most demanding of applications.

Multipurpose IP42 Range

The advantage range of distribution switchboards offer a durable and robust product, designed for optimum field versatility coupled with time saving installation features. This multipurpose range of distribution switchboards is designed for light commercial, light industrial applications, with no compromise in quality and available at an affordable price.



Heavy Duty IP66 Range

The HPR & HPRD range of distribution switchboards adds a new dimension of versatility and durability. Reowned for quality, exceptional performance, reliability and ease of installation, the inherent design features offer excellent application opportunities within commercial, industrial and mining sectors. With ease of installation being an important priority, we have provided a number of design features such as a genuine IP66 degree of protection, excellent cable access due to our deep and wide design.



Premiere IP66 Range

Our HPS Premiere range of distribution switchboards are constructed from 2.0mm Zinc seal steel or optional 316 grade stainless steel, making it an ideal choice within the mining & industrial sectors. Important features include, increased depth and width allowing for excellent cable access, protection rating of IP66, top & bottom gland plates, and a floor mounting Plinth kit. With increased safety requirements demanded by our customers, the HPS Range truly meets the needs of Australia's harsh conditions.



Quick Reference Table

	ADVD/ADVS	HPS	HPR/HPRD
ENCLOSURE DETAILS			
Width (mm)	580	700 & 900	580
Depth (mm)	225	325	225
IP Rating	42***	66	66
Material	1.5mm	2.0mm	1.6mm
Poles capacity: DIN MCBs	18-96	N/A	24-96
Poles capacity: SFM MCBs	18-84	48-84	18-144
Colours to (AS 2700)	N12 or X15 	N12 or X15 	N12 or X15 
DIN knockouts (next to main switch)	2 x 8 pole	2 x 8 pole	2 x 8 pole
Door field reversible LHS to RHS	✓	✓	✗
Hinged Escutcheon	✓	✓	✓
Door hinged independent of escutcheon	✓	✓	✓
Handle type	Flush Lockable Catch	Lever Handle	Lever Handle
Key Code (Standard)	CL001	CL001	CL001
Removeable gland plates	✓	✓	✓
ENCLOSURE HARDWARE & EQUIPMENT			
Main switch rating (A)	250	125, 160 or 250	250
Busbar Chassis Rating (A)	250	250, 315, 400	250
Busbar Chassis Withstand Rating (kA at 415V)	20kA, 0.2s	20kA, 0.2s, 20kA, 0.4s, 20kA, 1.0s	20kA, 0.2s
Busbar Chassis type: DIN MCBs	HQFC	N/A	HQFC
Busbar Chassis type: SFM MCBs	HVC	HVC & HPC**	HVC
Neutral Bar: 4 x M8 connections, 1 screw per tunnel	✓	✓	✓
Earth Bar: 4 x M6 connections, 1 screw per tunnel	✓	✓	✓
OPTIONAL ACCESSORIES			
Emergency lighting control unit	✓	✓	✓
Fault current limiter DIN fuses	✓	✓	✓
Slotted duct fitted	✓	✓	✓
Split chassis	✓	✓	✓
Rain hood	✗	✓	✓
Accessory Modules	✓	✓	✓
Brass or Aluminium gland plates fitted	✓ (must be specified)	✓ (must be specified)	✓ (must be specified)
Flush surround kits	✓	✓	✓
IP52 door seal	✓	✓	N/A
Floor mounting brackets (Plinth)	✓	✓	✓
Wall mounting brackets	✓	✓	✓
Stainless steel enclosures	✗	✓	✓

Note:

** HPC Chassis only 20kA, 0.4s for 315A and 20kA, 1.0s for 400A chassis

*** IP52 degree of protection, with optional door gasket fitted

Advantage Range

Multipurpose Distribution board

Features

- Spacious design affords more useable space
- Additional switchboard modules can be added to the top, bottom and sides for a modular solutions
- Recommended for use with either DIN mounted QF & QH Range of MCBs or SFM Range of MCBs
- 16 pole DIN knock outs for ancillary equipment
- Left hand hinged door (field conversion to the hand hinged)
- Door opens to 180° fitted with concealed hinges and flush, lockable catch
- Top and bottom removable gland plates
- Hinged removable escutcheon
- Strategic key hole mounting positions



Technical Data

- Complies with AS/NZS 3439.3
- IP42 degree of protection
- IP52 degree of protection, with optional door gasket fitted
- Quality 250A, 20kA 0.2s type tested busbar system
- Enclosure depth: 225mm (including door)
- Depth below escutcheon: 150mm
- Robust 1.5mm steel construction
- Baked polyester powder coated finish in N12 Pastel Grey to AS 2700. Also available in X15 Orange finish as an optional extra

Selection Data

ADVANTAGE (DIN) RANGE					ADVANTAGE (SFM) RANGE				
NO OF POLES	DIMENSIONS (mm)			MAIN SWITCH	DIMENSIONS (mm)			MAIN SWITCH	
	HEIGHT	WIDTH	DEPTH	250Amp	HEIGHT	WIDTH	DEPTH	250Amp	
18	600	580	225	ADVD18M250	800	580	225	ADVS18M250	
24	800	580	225	ADVD24M250	1000	580	225	ADVS24M250	
36	1000	580	225	ADVD36M250	1000	580	225	ADVS36M250	
48	1000	580	225	ADVD48M250	1200	580	225	ADVS48M250	
60	1200	580	225	ADVD60M250	1400	580	225	ADVS60M250	
72	1400	580	225	ADVD72M250	1600	580	225	ADVS72M250	
84	1400	580	225	ADVD84M250	1800	580	225	ADVS84M250	
96	1600	580	225	ADVD96M250	-	-	-	-	

ENCLOSURE DETAILS	ADVD/ADVS
IP Rating	42
Material	1.5mm
Number of sizes available: DIN MCBs	8
Poles capacity: DIN MCBs	18-96
Number of sizes available: DFM MCBs	7
Pole Capacity: DFM MCBs	18-84
Colours to (AS 2700)	N12 pastel grey (X15 orange as optional extra)
DIN knockouts (next to main switch)	2 x 8 pole
Door - field reversible LHS to RHS	✓
Hinged Escutcheon	✓
Door hinged independent of escutcheon	✓
Handle type	Flush Lockable Catch
Key Code (Standard)	CL001
Removeable gland plates	✓

ENCLOSURE HARDWARE & EQUIPMENT	ADVD/ADVS
Busbar Chassis Rating (A)	250
Busbar Chassis Withstand Rating (kA at 415V)	20kA, 0.2s
Busbar Chassis Type: DIN MCBs	HQFC
Busbar Chassis Type: SFM MCBs	HVC
Neutral Bar: 4 x M8 connections, 1 screw per tunnel	✓
Earth Bar: 4 x M6 connections, 1 screw per tunnel	✓

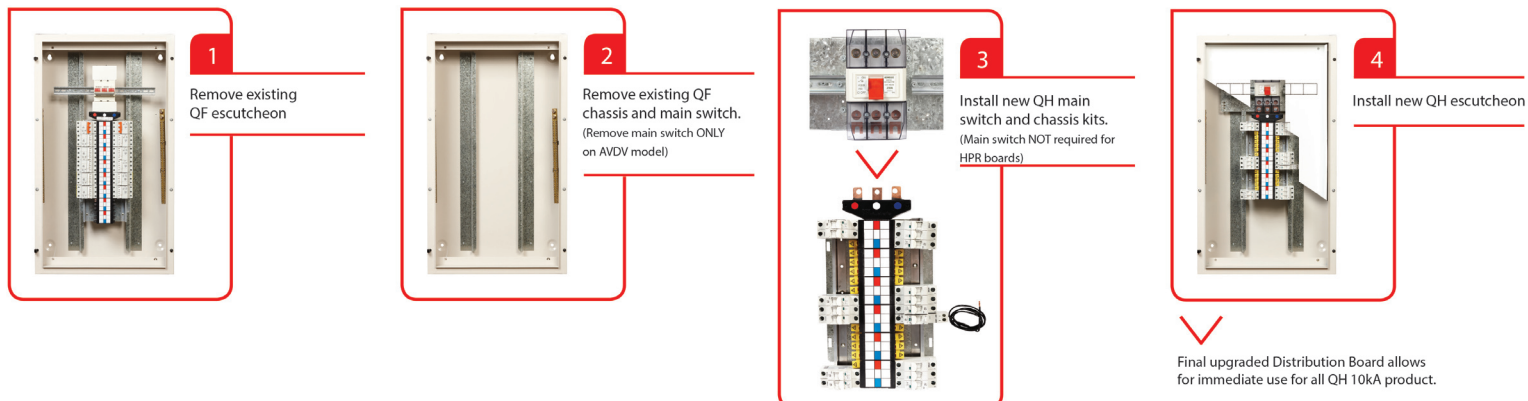
OPTIONAL ACCESSORIES	ADVD/ADVS
Emergency lighting control unit	✓
Fault current limiter DIN fuses	✓
Slotted duct	✓
Split chassis	✓
Accessory Modules	✓
Brass or Aluminium gland plates fitted (3mm)	✓ (must be specified)
Flush surround kits	✓
IP52 door seal	✓
Wall mounting brackets	✓

Accessories & Options

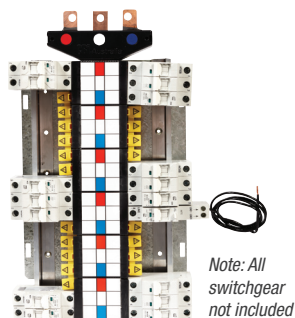
ADVANTAGE RANGE		
CAT. NO.	DESCRIPTION	DIMENSIONS (MM)
HS3250	250A Main Switch, 3 Pole (120mm ² Cu max)	-
ADVG04	IP52 Door Gasket	440 (H)
ADVG06	IP52 Door Gasket	600 (H)
ADVG08	IP52 Door Gasket	800 (H)
ADVG10	IP52 Door Gasket	1000 (H)
ADVG12	IP52 Door Gasket	1200 (H)
ADVG14	IP52 Door Gasket	1400 (H)
ADVG16	IP52 Door Gasket	1600 (H)
ADVG18	IP52 Door Gasket	1800 (H)
ADV-BG3	Gland Plate Kit Brass 3mm	580 (W)
ADV-AG3	Gland Plate Kit Aluminium 3mm	580 (W)
ADV0400AM	Enclosure, blank escutcheon & lockable door	400 (H) x 580 (W)
ADV0600AM	Enclosure, blank escutcheon & lockable door	600 (H) x 580 (W)
ADV0800AM	Enclosure, blank escutcheon & lockable door	800 (H) x 580 (W)
ADV1000AM	Enclosure, blank escutcheon & lockable door	1000 (H) x 580 (W)
ADV1200AM	Enclosure, blank escutcheon & lockable door	1200 (H) x 580 (W)
ADV1400AM	Enclosure, blank escutcheon & lockable door	1400 (H) x 580 (W)
ADV1600AM	Enclosure, blank escutcheon & lockable door	1600 (H) x 580 (W)
ADV1800AM	Enclosure, blank escutcheon & lockable door	1800 (H) x 580 (W)

QH (DIN) 10kA Retrofit for ADVD & HPDR Distribution Boards

Existing ADVD & HPRD distribution boards can be easily upgraded to fit our QH 10kA range of MCB's & RCBO's



QH (DIN) 10kA Retrofit Kits & Accessories



DESCRIPTION	POLE CAPACITY	RATING	PART NUMBER
250A Three Phase Busbar Assemblies Type HQHC	24	250A	HQHC24
	36	250A	HQHC36
	48	250A	HQHC48
	60	250A	HQHC60
	72	250A	HQHC72
	84	250A	HQHC84
	96	250A	HQHC96



DESCRIPTION	POLE CAPACITY	PART NUMBER
ADVDH Escutcheon	24	453273G024
	36	453273G036
	48-60	453273G060
	72-84	453273G084
	96	453273G096



DESCRIPTION	POLE CAPACITY	PART NUMBER
HPRDH Escutcheon	24-36	453032G036
	48-60	453032G060
	72	453032G072
	84	453032G084
	96	453032G096



DESCRIPTION	PART NUMBER
250A Main Switch Kit for ADVDH	MSHS250ADVDH



DESCRIPTION	PART NUMBER
250A Amp Main Switch 3 Pole	HS250



DESCRIPTION	LENGTH	PART NUMBER
DIN Rail C/W Mounting Brackets	450MM	HDINR450

HPR & HPRD Range Heavy Duty Distribution Board

Features

- Multiple main switch options
- Additional switchboard modules can be added to the top, bottom and sides for a modular solution
- 16 pole DIN knockouts for ancillary equipment
- Hinged removable escutcheon
- High quality door sealing gasket with double return enclosure sealing flange
- Left hand hinged lift-off gasketed door with lockable lever handle
- Door opens to 180°
- Integral rail mounting system
- Cable support brackets top and bottom
- Removable top and bottom gland plates with gaskets, Brass & Aluminium options
- Optional Innovative waterproof rain hood
- Available in 316 stainless steel as an option



Technical Data

- Complies with AS/NZS 3439.3
- IP66 degree of protection
- IP54 degree of protection if fitted with vented rainhood
- 250A, 20kA 0.2s type tested busbar system (Type HVC & HQFC)
- Enclosure depth: 225mm (including door)
- Depth below escutcheon: 140mm
- Premier fully welded 1.6mm Zincseal steel construction
- Baked polyester powder coated finish N12 Pastel Grey

Selection Data

HPR (SFM) RANGE						
NO OF POLES	RAIL TYPE	DIMENSIONS (mm)		MAIN SWITCH		
		HEIGHT	WIDTH	100 Amp	160 Amp	250 Amp
18	SFM	800	580	HPR18M100	HPR18M160	HPR18M250
24	SFM	1000	580	HPR24M100	HPR24M160	HPR24M250
36	SFM	1200	580	HPR36M100	HPR36M160	HPR36M250
48	SFM	1400	580	HPR48M100	HPR48M160	HPR48M250
60	SFM	1600	580	HPR60M100	HPR60M160	HPR60M250
72	SFM	1800	580	HPR72M100	HPR72M160	HPR72M250
84	SFM	2000	580	HPR84M100	HPR84M160	HPR84M250
120	SFM	1400	1160	HPR120M100	HPR120M160	HPR120M250
144	SFM	1600	1160	HPR144M100	HPR144M160	HPR144M250

HPRD (DIN) RANGE						
NO OF POLES	RAIL TYPE	DIMENSIONS (mm)		MAIN SWITCH		
		HEIGHT	WIDTH	100 Amp	160 Amp	250 Amp
24	DIN	800	580	HPRD24M100	HPRD24M160	HPRD24M250
36	DIN	1000	580	HPRD36M100	HPRD36M160	HPRD36M250
48	DIN	1000	580	HPRD48M100	HPRD48M160	HPRD48M250
60	DIN	1200	580	HPRD60M100	HPRD60M160	HPRD60M250
72	DIN	1400	580	HPRD72M100	HPRD72M160	HPRD72M250
84	DIN	1600	580	HPRD84M100	HPRD84M160	HPRD84M250
96	DIN	1800	580	HPRD96M100	HPRD96M160	HPRD96M250

Accessories & Options

HPR & HPRD ACCESSORIES		
CAT. NO.	DESCRIPTION	DIMENSIONS (MM)
HS3250	250A Switch, 3 Pole (120mm ² Cu max)	-
HPR0600	Enclosure, Blank Escutcheon & Lockable Door	600(H) x 580(W)
HPR0800	Enclosure, Blank Escutcheon & Lockable Door	800(H) x 580(W)
HPR1000	Enclosure, Blank Escutcheon & Lockable Door	1000(H) x 580(W)
HPR1200	Enclosure, Blank Escutcheon & Lockable Door	1200(H) x 580(W)
HPR1400	Enclosure, Blank Escutcheon & Lockable Door	1400(H) x 580(W)
HPR1600	Enclosure, Blank Escutcheon & Lockable Door	1600(H) x 580(W)
HPR1800	Enclosure, Blank Escutcheon & Lockable Door	1800(H) x 580(W)
HPR2000	Enclosure, Blank Escutcheon & Lockable Door	2000(H) x 580(W)
433897P01	Stainless Steel padlockable Lever Handle	-
703100G01	Lockable Lever Handle CL001 for HPR	-
703100G02	Lockable Lever Handle 604 for HPR	-
703100G03	Lockable Lever Handle 92268 for HPR	-
703100G04	Padlockable Handle for HPR	-
703100G05	Non-Lockable level Hand for HPR	-
703102G01	Screwdriver (Flush) Catch Kit for HPR	-
HPR-RH2252	Weatherproof Rain Hood Flat: Vented	580W
HPR-RH2252	Weatherproof Rain Hood Flat: Vented	1160W
HPR-RHNV225	Weatherproof Rain Hood Flat: Non Vented	580W
HPR-RHNV2252	Weatherproof Rain Hood Flat: Non Vented	1160W
HPR-RHNV3225	Weatherproof Rain Hood 30°: Non Vented	580W
HPR-MB10	External mounting Brackets HPR	580W
HPR-MB20	External mounting Brackets HPR	1160W
HPR***FS1	Flush Mount Surround Kit HPR	580W
HPR***FS2	Flush Mount Surround Kit HPR	1160W
HPR-PL2G	75mm High Hot Dip Galv. Plinth Kit	580W
HPR-BG3	Gland Plate Brass 3mm	580W
HPR-AG3	Gland Plate Aluminium 3mm	580W
HPR-AG5	Gland Plate Aluminium 5mm	580W
470150G01	Escutcheon & Door Earthing Kit	-
HPR-CS	Cable Support Bracket HPR	-
703600G01	Mounting Hole Bung	-

HPR Mining Duty Range Heavy Duty Distribution Board

Features

- Optional vented and non-vented rain hoods
- High quality door sealing gasket with double return enclosure sealing flange
- Left hand hinged lift-off gasketed door with lever handles (1 handle is padlockable)
- Left hand hinged removable escutcheon painted in N12 Pastel Grey with tool operated captive screws
- Integral padlocking provision on main switch, circuit breakers & RCBs
- Phase coloured I.P.A studs fitted to the escutcheon
- Top and bottom, brass or aluminium gasketed screw on gland plates
- All external and internal labels, secured with stainless steel fasteners
- Galvanised chassis pan and gear trays
- Dummy circuit breakers used as pole fillers
- International danger label on door
- Metal A4 legend card holder, welded to inside of door (includes acrylic cover and legend card)
- Cable support brackets at 200mm centres
- Optional wall mounting brackets (field fittable or factory welded)
- Available in 316 stainless steel as an option



Technical Data

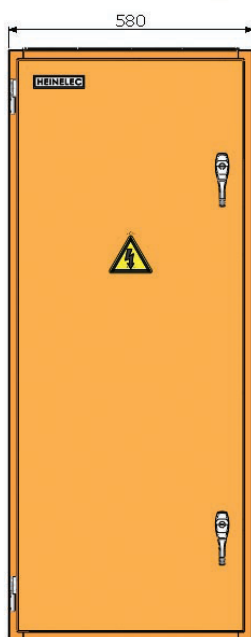
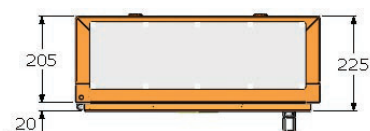
- Complies with AS/NZS 3439.3
- IP66 Degree of protection
- 250A, 20kA 0.2s type tested busbar system (Type HVC)
- 225mm enclosure depth including door
- 140mm depth below escutcheon
- 65mm useable space between escutcheon and door
- Premier fully welded 1.6mm, Zincseal steel construction
- Neutral and earth bars (2 screws per terminal) at the side, 4 main studs per bar
- IP2x on all line and load terminals
- Baked polyester powder coated finish (120 microns) in X15 Orange to AS 2700

Selection Data

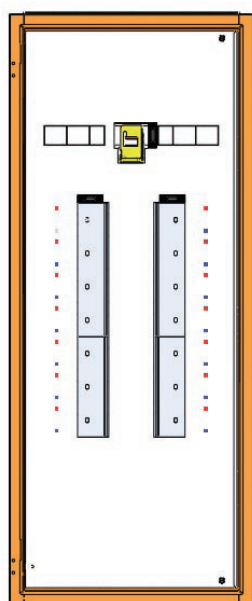
HPR MINING DUTY DISTRIBUTION SWITCHBOARDS						
NO OF POLES	RAIL TYPE	DIMENSIONS (mm)			CAT. NO.	
		HEIGHT	WIDTH	DEPTH	160 Amp Main Switch	250 Amp Main Switch
18	SFM	1000	580	225	HPR18M160MD	HPR18M250MD
24	SFM	1200	580	225	HPR24M160MD	HPR24M250MD
30	SFM	1200	580	225	HPR30M160MD	HPR30M250MD
36	SFM	1400	580	225	HPR36M160MD	HPR36M250MD
42	SFM	1400	580	225	HPR42M160MD	HPR42M250MD
48	SFM	1600	580	225	HPR18M160MD	HPR18M250MD
60	SFM	1600	580	225	HPR18M160MD	HPR18M250MD

Accessories & Options

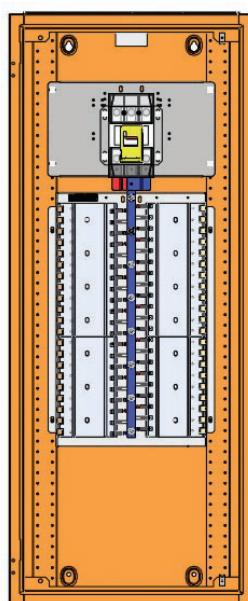
HPR MINING-DUTY ACCESSORIES		
CAT. NO.	DESCRIPTION	DIMENSIONS (MM)
703100G01	Lockable Lever Handle CL001 for HPR	-
703100G02	Lockable Lever Handle 604 for HPR	-
703100G03	Lockable Lever Handle 92268 for HPR	-
703100G04	Padlockable Handle for HPR	-
703100G05	Non-Lockable Lever Hand for HPR	-
703102G01	Screwdriver (Flush) Catch Kit for HPR	-
HPR-RH2252	Weatherproof Rain Hood Flat: Vented	580W
HPR-RH2252	Weatherproof Rain Hood Flat: Vented	1160W
HPR-RHNV225	Weatherproof Rain Hood Flat: Non Vented	580W
HPR-RHNV2252	Weatherproof Rain Hood Flat: Non Vented	1160W
HPR-RHNV3225	Weatherproof Rain Hood 30°: Non Vented	580W
HPR-MB10	External mounting Brackets HPR	580W
HPR-MB20	External mounting Brackets HPR	1160W
HPR***FS1	Flush Mount Surround Kit HPR	580W
HPR***FS2	Flush Mount Surround Kit HPR	1160W
HPR-PL2G	75mm High Hot Dip Galv. Plinth Kit	580W
HPR-BG3	Gland Plate Brass 3mm	580W
HPR-AG3	Gland Plate Aluminium 3mm	580W
HPR-AG5	Gland Plate Aluminium 5mm	580W
470150G01	Escutchoen & Door Earthing Kit	-
703600G01	Mounting Hole Bung	-



FRONT VIEW



FRONT VIEW WITH DOOR REMOVED

FRONT VIEW WITH DOOR AND
ESCUTCHEON REMOVED

SIDE VIEW

HPS Range

Premier Distribution Board

Features

- High quality door sealing gasket with double return enclosure sealing flange
- Flexible equipment mounting system allows for variable depth mounting behind the hinged escutcheon
- Left hand hinged lift-off gasketed door with lockable lever handles - 1 per 800mm (H), 2 up to 1600mm (H), 3 for 1800mm & 2000mm
- Optional innovative weatherproof rainhood
- Internal cable support brackets
- Top & bottom steel gasketed, screw on gland plates
- Available in 316 stainless steel as an option

Technical Data

- IP66 Degree of protection
- IP54 Degree of protection if fitted with vented rainhood
- Complies with AS/NZS 3439.3
- 325mm enclosure depth including door
- 200mm depth below escutcheon
- Premier fully welded 2mm Zincseal steel construction
- Baked polyester powder coated finish N12 Pastel Grey
- 95mm useable space between escutcheon & Door



Selection Data

HPS DISTRIBUTION SWITCHBOARDS				
CAT NO	DESCRIPTION	DIMENSIONS (mm)		
		HEIGHT	WIDTH	DEPTH
HPS08007	Switchboard enclosure	800	700	325
HPS10007	Switchboard enclosure	1000	700	325
HPS12007	Switchboard enclosure	1200	700	325
HPS14007	Switchboard enclosure	1400	700	325
HPS16007	Switchboard enclosure	1600	700	325
HPS18007	Switchboard enclosure	1800	700	325
HPS20007	Switchboard enclosure	2000	700	325
HPS10009	Switchboard enclosure	1000	900	325
HPS12009	Switchboard enclosure	1200	900	325
HPS14009	Switchboard enclosure	1400	900	325
HPS16009	Switchboard enclosure	1600	900	325
HPS18009	Switchboard enclosure	1800	900	325
HPS20009	Switchboard enclosure	2000	900	325

Accessories & Options

HPS DISTRIBUTION BOARD ACCESSORIES		
CAT. NO.	DESCRIPTION	DIMENSIONS (MM)
HPS-RH73	Weatherproof Rain Hood Flat: Vented	700 (w)
HPS-RH93	Weatherproof Rain Hood Flat: Vented	900 (w)
HPS-RHNV73	Weatherproof Rain Hood Flat: Non Vented	700 (w)
HPS-RHNV93	Weatherproof Rain Hood Flat: Non Vented	900 (w)
HPS-MB7	External mounting Brackets HPS	700 (w)
HPS-MB9	External mounting Brackets HPS	900 (w)
HPS-PL73	Switchboard Plinth Kit HPS	700 (w)
HPS-PL93	Switchboard Plinth Kit HPS	900 (w)
HPS-PL143G	75mm High Hot Dip Galv. Plinth Kitch	1400 (w)
HPS-PL163G	75mm High Hot Dip Galv. Plinth Kitch	1600 (w)
HPS-PL183G	75mm High Hot Dip Galv. Plinth Kitch	1800 (w)
HPS-SG7	Gland Plate Painted 2mm x 700mm wide	700 (w)
HPS-SG9	Gland Plate Painted 2mm x 900mm wide	900 (w)
HPS-BG7	Gland Plate Brass 3mm x 700mm wide	700 (w)
HPS-BG57	Gland Plate Brass 5mm x 700mm wide	700 (w)
HPS-BG9	Gland Plate Brass 3mm x 900mm wide	900 (w)
HPS-BG59	Gland Plate Brass 5mm x 900mm wide	900 (w)
HPS-AG7	Gland Plate Aluminium 3mm x 700mm wide	700 (w)
HPS-AG57	Gland Plate Aluminium 5mm x 700mm wide	700 (w)
HPS-AG9	Gland Plate Aluminium 3mm x 900mm wide	900 (w)
HPS-AG59	Gland Plate Aluminium 5mm x 900mm wide	900 (w)
HPS-BG7T	Gland Plate Internal Brass 3mm x 700mm wide	700 (w)
HPS-BG9T	Gland Plate Internal Brass 3mm x 900mm wide	900 (w)
HPS-AG7T	Gland Plate Internal Aluminium 3mm x 700mm wide	700 (w)
HPS-AG9T	Gland Plate Internal Aluminium 3mm x 900mm wide	900 (w)
703600G01	Mounting Hole Bung	-

HPS Mining Duty Range Premier Distribution Board

Features

- Optional vented and non-vented rain hoods
- High quality door sealing gasket with double return enclosure sealing flange
- Left hand hinged lift-off gasketed door with lever handles (1 handle is padlockable)
- Left hand hinged removable escutcheon painted in N12 Pastel Grey with tool operated captive screws
- Integral padlocking provision on main switch, circuit breakers & RCBs
- Phase coloured I.P.A studs fitted to the escutcheon
- Top and bottom steel, brass or aluminium gasketed, screw on gland plates
- All external and internal lables
- Secured with stainless steel screws
- Galvanised chassis pan and gear trays
- Dummy circuit breakers used as pole fillers
- International danger label on door
- Metal A4 legend card holder, welded to inside of door (includes acrylic cover and legend card)
- Cable support brackets at 200mm centres
- Optional wall mounting brackets (field fittable or factory welded)
- Available in 316 stainless steel as an option



Technical Data

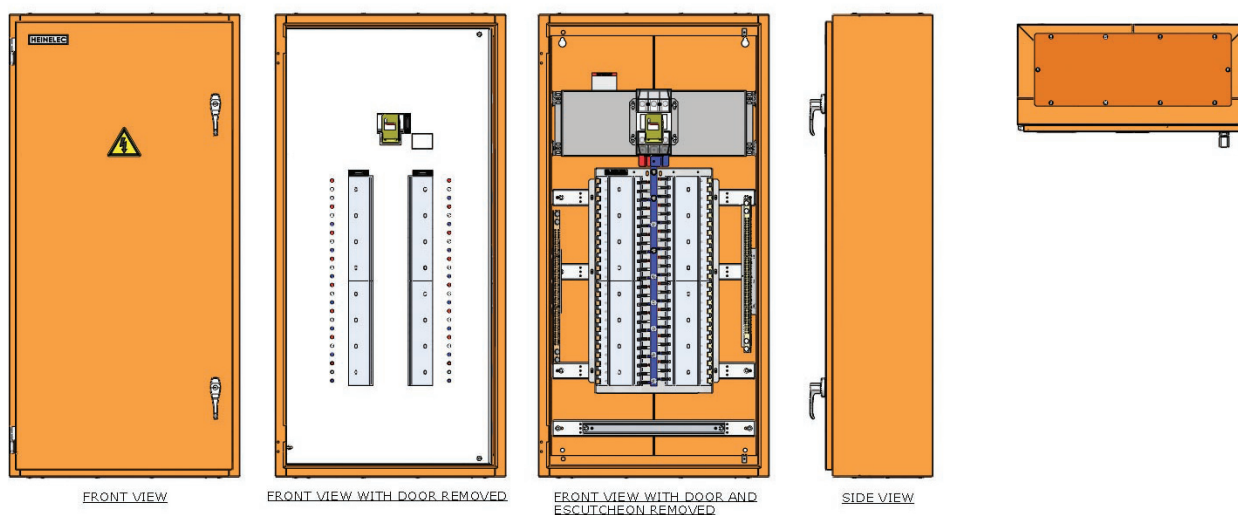
- IP66 Degree of protection
- 250A, 20kA 0.2s type tested busbar system (Type HVC)
- 315A, 20kA 0.4s type tested busbar system (Type HVC)
- 400A, 20kA 1.0s type tested busbar system (Type HVC)
- Complies with AS/NZS 3439.3
- 32mm enclosure depth including door
- 225 depth below escutcheon
- 95mm useable space between escutcheon and door
- Premier fully welded 2.0mm, Zincseal steel construction
- Neutral and earth bars (2 screws per tunnel) at the side, 4 main studs per bar
- IP2x on all line and load terminals
- Baked polyester powder coated finish (120 microns) in X15 Orange to AS 2700

Selection Data

HPS MINING DUTY DISTRIBUTIONS SWITCHBOARDS						
NO OF POLES	RAIL TYPE	DIMENSIONS (mm)			CAT. NO.	
		HEIGHT	WIDTH	DEPTH	160 Amp Main Switch	250 Amp Main Switch
48	SFM Cliptray	1400	700	325	HPS48M160MD7	HPS48M250MD7
60	SFM Cliptray	1600	700	325	HPS60M160MD7	HPS60M250MD7
72	SFM Cliptray	1800	700	325	HPS72M160MD7	HPS72M250MD7
84	SFM Cliptray	2000	700	325	HPS84M160MD7	HPS36M250MD7
48	SFM Cliptray	1400	900	325	HPS48M160MD9	HPS42M250MD9
60	SFM Cliptray	1600	900	325	HPS60M160MD9	HPS60M250MD9
72	SFM Cliptray	1800	900	325	HPS72M160MD9	HPS72M250MD9
84	SFM Cliptray	2000	900	325	HPS84M160MD9	HPS84M250MD9

Accessories & Options

HPS MINING ACCESSORIES		
CAT. NO.	DESCRIPTION	DIMENSIONS (MM)
HPS-RH73	Weatherproof Rain Hood Flat: Vented	700W
HPS-RH93	Weatherproof Rain Hood Flat: Vented	900W
HPS-RHNV73	Weatherproof Rain Hood Flat: Non Vented	700W
HPS-RHNV93	Weatherproof Rain Hood Flat: Non Vented	900W
HPS-RHNV373	Weatherproof Rain Hood 30°: Non Vented	700W
HPS-RHNV393	Weatherproof Rain Hood 30°: Non Vented	900W
HPS-MB7	External mounting Brackets HPS	700W
HPS-MB9	External mounting Brackets HPS	900W
HPS-PL73	Switchboard Plinth Kit HPS	700W
HPS-PL93	Switchboard Plinth Kit HPS	900W
HPS-PL143G	75mm High Hot Dip Galv. Plinth Kitch	1400W
HPS-PL163G	75mm High Hot Dip Galv. Plinth Kitch	1600W
HPS-PL183G	75mm High Hot Dip Galv. Plinth Kitch	1800W
HPS-SG	Gland Plate Painted 2mm	700W
HPS-SG	Gland Plate Painted 2mm	900W
HPS-BG	Gland Plate Brass 3mm	700W
HPS-BG	Gland Plate Brass 5mm	700W
HPS-BG	Gland Plate Brass 3mm	900W
HPS-BG	Gland Plate Brass 5mm	900W
HPS-AG	Gland Plate Aluminium 3mm	700W
HPS-AG	Gland Plate Aluminium 5mm	700W
HPS-AG	Gland Plate Aluminium 3mm	900W
HPS-AG	Gland Plate Aluminium 5mm	900W
HPS-BGT	Gland Plate Internal Brass 3mm	700W
HPS-BGT	Gland Plate Internal Brass 5mm	900W
HPS-AGT	Gland Plate Internal Aluminium 3mm	700W
HPS-AGT	Gland Plate Internal Aluminium 5mm	900W
703600G01	Mounting Hole Bung	-

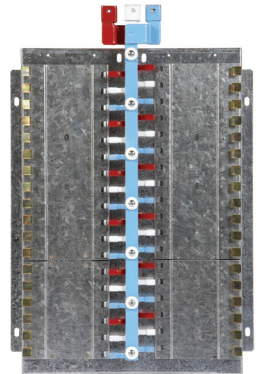


Busbar Chassis Assemblies

Type: HVC Vertical Mounting

Features

- 250A rated, 20kA, 0.2s type tested
- Double polyethylene insulated in phase colours
- Accommodates 2 rows of vertically mounted SFM Breakers and RCBO's



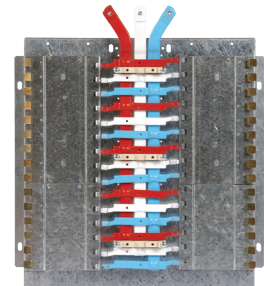
SFM BUSBAR CHASSIS ASSEMBLY HVC: VERTICAL MOUNTING		
CAT NO	DESCRIPTION	NO OF POLES
HVC12HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	12
HVC18HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	18
HVC24HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	24
HVC30HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	30
HVC36HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	36
HVC42HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	42
HVC48HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	48
HVC60HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	60
HVC72HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	72
HVC84HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	84
HVC96HS	250A Busbar Chassis Assembly Type HVC Main Switch Connection	96

Busbar Chassis Assemblies

Type: HPC Vertical Mounting

Features

- 400A rated, 20kA, 0.2s type tested
- Double polyethylene insulated in phase colours
- Accommodates 2 rows of vertically mounted SFM Breakers and RCBO's



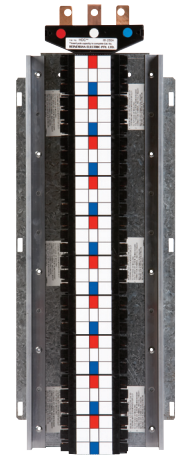
SFM BUSBAR CHASSIS ASSEMBLY HPC: VERTICAL MOUNTING		
CAT NO	DESCRIPTION	NO OF POLES
HPC12-4	400A Busbar Chassis Assembly Type HPC Cable Connection	12
HPC18-4	400A Busbar Chassis Assembly Type HPC Cable Connection	18
HPC24-4	400A Busbar Chassis Assembly Type HPC Cable Connection	24
HPC30-4	400A Busbar Chassis Assembly Type HPC Cable Connection	30
HPC36-4	400A Busbar Chassis Assembly Type HPC Cable Connection	36
HPC42-4	400A Busbar Chassis Assembly Type HPC Cable Connection	42
HPC48-4	400A Busbar Chassis Assembly Type HPC Cable Connection	48
HPC60-4	400A Busbar Chassis Assembly Type HPC Cable Connection	60
HPC72-4	400A Busbar Chassis Assembly Type HPC Cable Connection	72
HPC84-4	400A Busbar Chassis Assembly Type HPC Cable Connection	84
HPC96-4	400A Busbar Chassis Assembly Type HPC Cable Connection	96

Busbar Chassis Assemblies

Type: HQFC Vertical Mounting

Features

- 250A rated fully enclosed busbars with IP2X protection for all outgoing circuits
- 20kA, 0.2s Type tested to AS/NZS 3439.1
- Accommodates two rows of QF18 MCB's & QF10 RCBO's in a vertical configuration with conventional "line" side terminals of MCB to T-off
- Break off IP2X protection caps for T-off access
- Optional neutral busbar 12kA for 0.1s
- 50kA with 200A back-up fuses

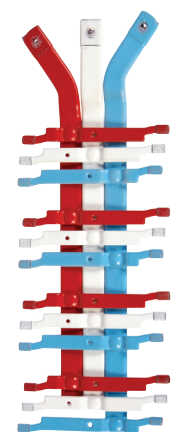


BUSBAR CHASSIS HQFC: VERTICAL MOUNTING		
CAT NO	DESCRIPTION	NO OF POLES
HQFC12	250A Three Phase Busbar Assemblies: Type HQFC	12
HQFC18	250A Three Phase Busbar Assemblies: Type HQFC	18
HQFC24	250A Three Phase Busbar Assemblies: Type HQFC	24
HQFC30	250A Three Phase Busbar Assemblies: Type HQFC	30
HQFC36	250A Three Phase Busbar Assemblies: Type HQFC	36
HQFC42	250A Three Phase Busbar Assemblies: Type HQFC	42
HQFC48	250A Three Phase Busbar Assemblies: Type HQFC	48
HQFC60	250A Three Phase Busbar Assemblies: Type HQFC	60
HQFC72	250A Three Phase Busbar Assemblies: Type HQFC	72
HQFC84	250A Three Phase Busbar Assemblies: Type HQFC	84
HQFC96	250A Three Phase Busbar Assemblies: Type HQFC	96

Separate Busbar Assemblies

Type: HPB

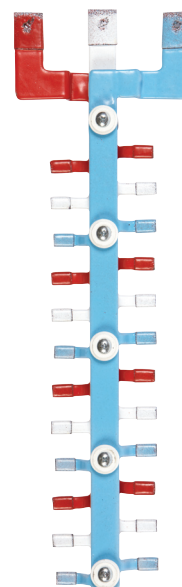
SFM BUSBAR ASSEMBLY HPB		
CAT NO	DESCRIPTION	NO OF POLES
HPB12-4	400A Busbar Assembly, Cable Connection	12
HPB18-4	400A Busbar Assembly, Cable Connection	18
HPB24-4	400A Busbar Assembly, Cable Connection	24
HPB30-4	400A Busbar Assembly, Cable Connection	30
HPB36-4	400A Busbar Assembly, Cable Connection	36
HPB42-4	400A Busbar Assembly, Cable Connection	42
HPB48-4	400A Busbar Assembly, Cable Connection	48
HPB60-4	400A Busbar Assembly, Cable Connection	60
HPB72-4	400A Busbar Assembly, Cable Connection	72
HPB84-4	400A Busbar Assembly, Cable Connection	84
HPB96-4	400A Busbar Assembly, Cable Connection	96



Separate Busbar Assemblies

Type: HVB Vertical Mounting

SFM BUSBAR ASSEMBLY HVB: VERTICAL MOUNTING		
CAT NO	DESCRIPTION	NO OF POLES
HVB12HS	250A Busbar Assembly, Vertical, Main Switch Connection	12
HVB18HS	250A Busbar Assembly, Vertical, Main Switch Connection	18
HVB24HS	250A Busbar Assembly, Vertical, Main Switch Connection	24
HVB30HS	250A Busbar Assembly, Vertical, Main Switch Connection	30
HVB36HS	250A Busbar Assembly, Vertical, Main Switch Connection	36
HVB42HS	250A Busbar Assembly, Vertical, Main Switch Connection	42
HVB48HS	250A Busbar Assembly, Vertical, Main Switch Connection	48
HVB60HS	250A Busbar Assembly, Vertical, Main Switch Connection	60
HVB72HS	250A Busbar Assembly, Vertical, Main Switch Connection	72
HVB84HS	250A Busbar Assembly, Vertical, Main Switch Connection	84
HVB96HS	250A Busbar Assembly, Vertical, Main Switch Connection	96
HVB12HSBC	250A Busbar Assembly, HS Bottom Connection	12
HVB18HSBC	250A Busbar Assembly, HS Bottom Connection	18
HVB24HSBC	250A Busbar Assembly, HS Bottom Connection	24
HVB30HSBC	250A Busbar Assembly, HS Bottom Connection	30
HVB36HSBC	250A Busbar Assembly, HS Bottom Connection	36
HVB42HSBC	250A Busbar Assembly, HS Bottom Connection	42
HVB48HSBC	250A Busbar Assembly, HS Bottom Connection	48
HVB60HSBC	250A Busbar Assembly, HS Bottom Connection	60
HVB72HSBC	250A Busbar Assembly, HS Bottom Connection	72
HVB84HSBC	250A Busbar Assembly, HS Bottom Connection	84
HVB96HSBC	250A Busbar Assembly, HS Bottom Connection	96
HVB12C	250A Busbar Assembly, Cable Connection	12
HVB18C	250A Busbar Assembly, Cable Connection	18
HVB24C	250A Busbar Assembly, Cable Connection	24
HVB30C	250A Busbar Assembly, Cable Connection	30
HVB36C	250A Busbar Assembly, Cable Connection	36
HVB42C	250A Busbar Assembly, Cable Connection	42
HVB48C	250A Busbar Assembly, Cable Connection	48
HVB60C	250A Busbar Assembly, Cable Connection	60
HVB72C	250A Busbar Assembly, Cable Connection	72
HVB84C	250A Busbar Assembly, Cable Connection	84
HVB96C	250A Busbar Assembly, Cable Connection	96
HVB12CBC	250A Busbar Assembly, Cable Bottom Connection	12
HVB18CBC	250A Busbar Assembly, Cable Bottom Connection	18
HVB24CBC	250A Busbar Assembly, Cable Bottom Connection	24
HVB30CBC	250A Busbar Assembly, Cable Bottom Connection	30
HVB36CBC	250A Busbar Assembly, Cable Bottom Connection	36
HVB42CBC	250A Busbar Assembly, Cable Bottom Connection	42
HVB48CBC	250A Busbar Assembly, Cable Bottom Connection	48
HVB60CBC	250A Busbar Assembly, Cable Bottom Connection	60
HVB72CBC	250A Busbar Assembly, Cable Bottom Connection	72
HVB84CBC	250A Busbar Assembly, Cable Bottom Connection	84
HVB96CBC	250A Busbar Assembly, Cable Bottom Connection	96
HVB12DF	250A Busbar Assembly, Dual Feed	12
HVB18DF	250A Busbar Assembly, Dual Feed	18
HVB24DF	250A Busbar Assembly, Dual Feed	24
HVB30DF	250A Busbar Assembly, Dual Feed	30
HVB36DF	250A Busbar Assembly, Dual Feed	36
HVB42DF	250A Busbar Assembly, Dual Feed	42
HVB48DF	250A Busbar Assembly, Dual Feed	48
HVB60DF	250A Busbar Assembly, Dual Feed	60
HVB72DF	250A Busbar Assembly, Dual Feed	72
HVB84DF	250A Busbar Assembly, Dual Feed	84
HVB96DF	250A Busbar Assembly, Dual Feed	96



HVB12C

HEAD OFFICE

MELBOURNE

90 Fairbank Road,
Clayton South VIC 3169

T +61 3 9590 3500
F +61 3 9551 1051
E headoffice@cbi-electric.com.au

SALES OFFICES

VIC / SA

T 1800 770 870
F 1300 509 263
E sales@cbi-electric.com.au

QLD

T 1800 770 870
F 1300 509 263
E sales@cbi-electric.com.au

NSW

T 1800 770 870
F 1300 509 263
E sales@cbi-electric.com.au

WA

T 1800 770 870
F 1300 509 263
E wa@cbi-electric.com.au