

Load Centre Range

CBI-electric's range of load centres offer a flexible and reliable solution for most power distribution projects. With maximum safety in mind, coupled with cost effective features, our range provides an efficient solution for your residential, commercial & industrial requirements.



Introducing the CBI Family of Load Centres

The CBI range of load centres are designed & manufactured to the highest quality standards for optimum field versatility, for even the most demanding of applications.

HDM IP40 Range

HDM Range of Light commercial metal load centres offer a durable & robust product, designed for light commercial & light industrial applications, with no compromise in quality and design. The HDM range of load centres are designed to accept the CBI-electric QF & QH range of DIN mounted switchgear



HCF IP40 Range

HCF Range of metal load centres, are designed with time saving installation features, as with the HDM range the HCF Range is built around quality and performance and is suitable for light industrial and light commercial applications, and is designed for use with our SFM Switchgear.



HPR IP66 Range

HPR Range of premier metal load centres offer versatility & durability, providing exceptional quality performance and ease of installation. With its increased depth, and modular construction, this load centre is ideal for applications within the commercial & industrial sectors.



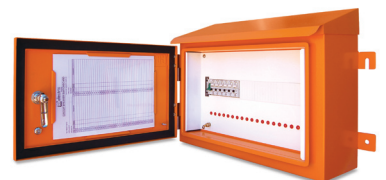
HCF IP40 Mining Duty Range

HCF Mining Duty load centre range is designed & constructed for optimum performance. The HCF load centre range comes standard in X15 Orange & offers a greater box depth than standard load centres. Our integral pad locking device can be fitted on all poles, therefore giving ultimate security & protection, making it a perfect choice for any heavy duty application.



Xtreme IP66 Range

The Xtreme Range of IP66 industrial load centres, offer a fully customisable and modular solution, giving ultimate protection for your switchgear. The Xtreme range is one of the most durable & cost effective weatherproof solutions for any outdoor application on the market. Durable enough to withstand the harsh demands of the Australian environment, making it an ideal choice for any mining, industrial or commercial application.



HDM Metal Load Centre Range

Features

- IP40 degree of protection
- Surface Mountable
- Robust 1.2mm steel construction
- Optional drop down door (adds 30mm to depth) and lock kits
- Top, bottom & rear knockout entries
- Optional flush mount kit
- 1 Phase 100A link busbar included
- Baked polyester powder coated finish N12 pastel grey
- Circuit identification & marking labels
- Neutral bar accepts up to 25mm² main cable & 10mm² for other circuits
- 70mm enclosure depth without door
- For use with DIN QF & QH Ranges of switchgear



| HDM (DIN) LOAD CENTRES | | | | | |
|------------------------|---------------------------|-------------|-----------|-----------------|-------|
| CAT NO | DESCRIPTION | NO OF POLES | RAIL TYPE | DIMENSIONS (mm) | |
| | | | | HEIGHT | WIDTH |
| HDMLC12S | Load Centre surface mount | 12 | DIN | 235 | 355 |
| HDMLC18S | Load Centre surface mount | 18 | DIN | 235 | 455 |

| HDM (DIN) LOAD CENTRE ACCESSORIES | |
|-----------------------------------|---|
| CAT NO | DESCRIPTION |
| HDMLC12DK | Door Kit HDM12 pole |
| HDMLC18DK | Door Kit HDM18 pole |
| HCFLK CL001 | Key lock kit (CL001): 12 & 18 pole lever handle |
| HDMLCFE12 | Load Centre Flush escutchech HDM12 pole |
| HDMLCFE18 | Load Centre Flush escutchech HDM18 pole |
| HDPF12 | Pole filler 12 pole |

HCF Metal Load Centre Range

Features

- IP40 degree of protection
- Surface Mountable
- Robust 1.2mm steel construction
- Top, bottom & rear knockout entries
- Optional drop down door & lock kits
- 1 Phase 100A link busbar included
- Optional flush mount kit
- Baked polyester powder coated finish N12 pastel grey
- Neutral & Earth bar fitted to all enclosures. Neutral bar accepts up to 35mm² main cable & 16mm² for other circuits
- Circuit identification & marking labels
- 72mm depth without door
- For use with SFM cliptray switchgear



HCF (SFM) LOAD CENTRES

| CAT NO | DESCRIPTION | NO OF POLES | RAIL TYPE | DIMENSIONS (mm) | |
|--------|---------------------------|-------------|--------------|-----------------|-------|
| | | | | HEIGHT | WIDTH |
| HCF12S | Load Centre surface mount | 12 | SFM Cliptray | 250 | 420 |
| HCF18S | Load Centre surface mount | 18 | SFM Cliptray | 250 | 580 |

HCF (SFM) LOAD CENTRE ACCESSORIES

| CAT NO | DESCRIPTION |
|------------|--|
| HCF12DK | Door Kit HCF 12 pole |
| HCF18DK | Door Kit HCF 18 pole |
| HCFLKCL001 | Key lock kit HCF (CL001) lever handle |
| HCFFE12 | Escutcheon, HCF, 12 pole, Surface, 61mm Cut-Out |
| HCFFE18 | Escutcheon, HCF, 18 pole, Surface, 61mm Cut-Out |
| HCFFE1261K | Escutcheon, HCF, 12 pole, Flush, 61mm Cut-Out |
| HCFFE1861K | Escutcheon, HCF, 12 pole, Flush, 61mm Cut-Out |
| CFSP12 | Busbar Link Type, 12 pole single phase, Un-insulated |
| CFSP15 | Busbar Link Type, 15 pole single phase, Un-insulated |
| CFSP18 | Busbar Link Type, 18 pole single phase, Un-insulated |
| CFSP12 | Busbar Link Type, 12 pole single phase, Insulated |
| CFSP15 | Busbar Link Type, 15 pole single phase, Insulated |
| CFSP18 | Busbar Link Type, 18 pole single phase, Insulated |
| CF3PP12 | Busbar Link Type, 12 pole three phase, Insulated |
| CF3PP15 | Busbar Link Type, 15 pole three phase, Insulated |
| CF3PP18 | Busbar Link Type, 18 pole three phase, Insulated |

HPR Metal Load Centre Range

Features

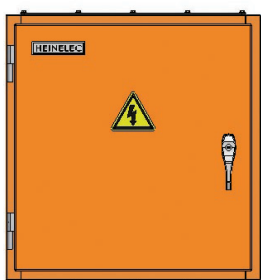
- IP66 degree of protection
- IP54 degree of protection if fitted with vented rain hood
- Premier fully welded 1.6mm Zincseal Steel Construction
- Double return enclosure sealing flange
- Baked polyester powder coated finish N12 pastel grey or Optional X15 orange
- Hinged removable escutcheon with identification marking label, or optional I.P.A studs available
- Left hand hinged lift off gasketed door with lockable lever handle
- High quality door sealing gasket with retaining angle
- Optional weatherproof rainhood
- External mounting brackets supplied as standard on weatherproof load centre
- 225mm enclosure depth including door
- Optional stainless steel version available
- Mining Duty version available



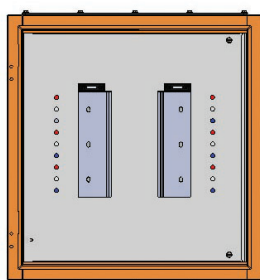
| HPR (SFM) LOAD CENTRES | | | | | | | |
|------------------------|------------------------------|-----------------|-------------|--------------|-----------------|-------|--|
| CAT NO | DESCRIPTION | COLOUR | NO OF POLES | RAIL TYPE | DIMENSIONS (mm) | | |
| | | | | | HEIGHT | WIDTH | |
| HPR15LC | Load Centre HPR | N12 Pastel Grey | 15 | SFM Cliptray | 600 | 580 | |
| HPR18LC | Load Centre HPR | N12 Pastel Grey | 18 | SFM Cliptray | 600 | 580 | |
| HPR24LC | Load Centre HPR | N12 Pastel Grey | 24 | SFM Cliptray | 600 | 580 | |
| HPR15LCW | Load Centre HPR Weatherproof | N12 Pastel Grey | 15 | SFM Cliptray | 600 | 580 | |
| HPR18LCW | Load Centre HPR Weatherproof | N12 Pastel Grey | 18 | SFM Cliptray | 600 | 580 | |
| HPR24LCW | Load Centre HPR Weatherproof | N12 Pastel Grey | 24 | SFM Cliptray | 600 | 580 | |
| HPR15LCMD | Mining Duty Load Centre HPR | X15 Orange | 15 | SFM Cliptray | 600 | 580 | |
| HPR18LCMD | Mining Duty Load Centre HPR | X15 Orange | 18 | SFM Cliptray | 600 | 580 | |
| HPR24LCMD | Mining Duty Load Centre HPR | X15 Orange | 24 | SFM Cliptray | 600 | 580 | |

| HPR (SFM) LOAD CENTRE ACCESSORIES | | | |
|-----------------------------------|---|-------|--|
| CAT NO | DESCRIPTION | WIDTH | |
| HPR-RH225 | Weatherproof Rain Hood Flat: Vented | 580 | |
| HPR-RHNV225 | Weatherproof Rain Hood Flat: Non Vented | 580 | |
| HPR-RHNV3225 | Weatherproof Rain Hood Flat 30°: Non Vented | 580 | |
| HPR-MB10 | External Mounting Brackets HPR | 580 | |
| HPR-MB20 | External Mounting Brackets HPR | 1160 | |
| HPR-BG3 | Gland Plate Brass 3mm | 580 | |
| HPR-AG3 | Gland Plate Aluminium 3mm | 580 | |
| HPR-AG5 | Gland Plate Aluminium 5mm | 580 | |

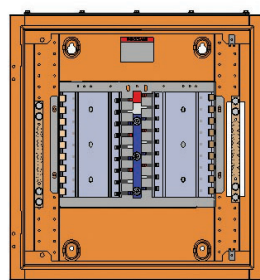
HPR Mining Duty Load Centre



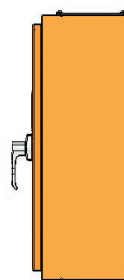
FRONT VIEW



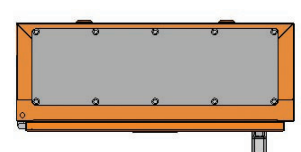
FRONT VIEW WITH DOOR REMOVED



FRONT VIEW WITH DOOR AND ESCUTCHEON REMOVED



SIDE VIEW



HCF Mining Duty Load Centre Range

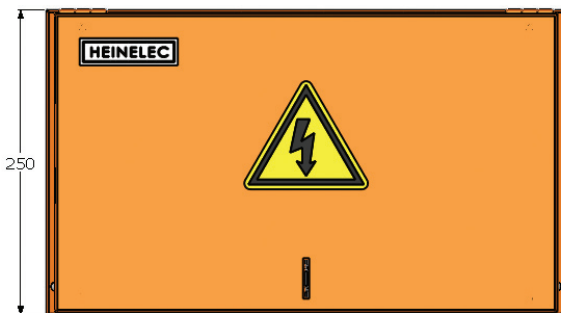
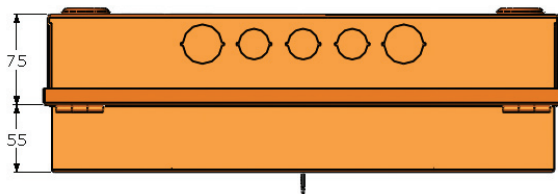
Features

- IP40 degree of protection
- 100A Single phase or three phase link busbar
- Complies with AS/NZS 3439.3 (Form 1)
- Padlockable door
- 130mm enclosure depth including door
- Single phase red coloured I.P.A studs fitted
- Robust 1.2mm steel construction
- Integral padlocking provision on main switch, circuit breakers & RCBO's
- Baked polyester powder coated finish in X15 orange
- IP2X on all line & load terminals
- Dummy circuit breakers used as pole fillers
- Metal A5 legend card holder, welded to inside of door

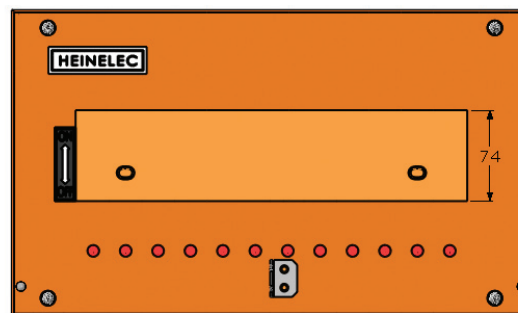


HCF (SFM) MINING DUTY LOAD CENTRES

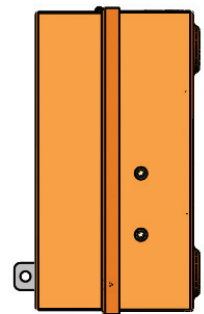
| CAT NO | DESCRIPTION | NO OF POLES | RAIL TYPE | DIMENSIONS (mm) | | |
|----------|-------------------------|-------------|--------------|-----------------|-------|-------|
| | | | | HEIGHT | WIDTH | DEPTH |
| HCF6DMD | Mining Duty Load Centre | 6 | SFM Cliptray | 250 | 260 | 130 |
| HCF12DMD | Mining Duty Load Centre | 12 | SFM Cliptray | 250 | 420 | 130 |
| HCF18DMD | Mining Duty Load Centre | 18 | SFM Cliptray | 250 | 580 | 130 |



FRONT VIEW



FRONT VIEW WITH DOOR REMOVED



SIDE VIEW

Xtreme IP66 Load Centre Range

Features

- IP66 protection rating
- DIN or SFM Cliptray versions
- Easy to fit modular design
- Innovative & easily fitted weatherproof Rain Hood option. Also 40° sloping version available
- Pad lockable swing handle
- Top & Bottom Gland plates, fitted with high quality gaskets
- Light weight, heavy duty fully welded Zinc Anneal construction
- Quality 100Amp busbar system
- Heavy Duty fixed mounting tags
- 1 Phase coloured I.P.A studs fitted to escutcheon as standard, other phases available as option
- High Quality door sealing gasket with double return enclosure sealing flange
- Baked polyester UV resistant X15 Orange, powder coated finish, N12 Pastel Grey available on request
- Stainless Steel Hinges & Fasteners
- Robust 1.2mm Zinc anneal construction (gland plates 2.0mm)
- Internal 6mm earth stud
- Innovative internal cable support brackets
- Integrated document holder
- Vandal resistant Kit optional
- Brass & Aluminium Gland Plate options available
- Stainless Steel enclosure available on request

Application

- Mining
- Oil & Gas
- Food & Beverage processing
- Heavy Industrial
- Rail
- Transportable Buildings



| XTREME (DIN) RANGE | | | | | | |
|--------------------|------|-------------|-------------|------------|------------|--------|
| CAT NO | TYPE | NO OF POLES | HEIGHT (mm) | WIDTH (mm) | DEPTH (mm) | COLOUR |
| HLC66D18X | DIN | 18 | 320 | 500 | 170 | Orange |
| HLC66D36X | DIN | 36 | 640 | 500 | 170 | Orange |

| XTREME (SFM) RANGE | | | | | | |
|--------------------|------|-------------|-------------|------------|------------|--------|
| CAT NO | TYPE | NO OF POLES | HEIGHT (mm) | WIDTH (mm) | DEPTH (mm) | COLOUR |
| HLC6612X | SFM | 12 | 320 | 500 | 170 | Orange |
| HLC6624X | SFM | 24 | 640 | 500 | 170 | Orange |

| XTREME ENCLOSURE DETAILS | | | | |
|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ENCLOSURE DETAILS | HLC66D18X | HLC66D36X | HLC6612X | HLC6624X |
| IP Rating | 66 | 66 | 66 | 66 |
| Material (Body) | 1.2mm | 1.2mm | 1.2mm | 1.2mm |
| Material (Gland Plates) | 2.0mm | 2.0mm | 2.0mm | 2.0mm |
| Rail Type | DIN | DIN | SFM | SFM |
| Poles Capacity: SFM / DIN MCB's | 18 | 36 | 12 | 24 |
| Colours to AS2700 | X15 Orange | X15 Orange | X15 Orange | X15 Orange |
| Handle Type | Padlockable Swing Handle | Padlockable Swing Handle | Padlockable Swing Handle | Padlockable Swing Handle |
| Handle Material | Chrome Plated | Chrome Plated | Chrome Plated | Chrome Plated |
| Removeable Gland Plates Top & Bottom | ✓ | ✓ | ✓ | ✓ |
| Door Hinge independent of escutcheon | ✓ | ✓ | ✓ | ✓ |
| Door Hinge Material | Stainless Steel | Stainless Steel | Stainless Steel | Stainless Steel |
| Busbar Rating | 100 Amp | 100 Amp | 100 Amp | 100 Amp |
| Busbar Type | DIN MCB's | DIN MCB's | SFM MCB's | SFM MCB's |
| Neutral Bar 2 x M8 Connections | ✓ | ✓ | ✓ | ✓ |
| Earth Bar 2 x M8 Connections | ✓ | ✓ | ✓ | ✓ |

| XTREME RAIN HOOD | | | | | |
|----------------------|---|-------------|------------|------------|--------|
| CAT NO | SUITS MODEL | HEIGHT (mm) | WIDTH (mm) | DEPTH (mm) | COLOUR |
| HLCRHX | HLC66D18X , HLC66D36X, HLC6612X, HLC6624X | 62 | 504 | 198 | Orange |
| HLCRHX40 (40° Slope) | HLC66D18X , HLC66D36X, HLC6612X, HLC6624X | 151 | 504 | 198 | Orange |

| XTREME ENCLOSURE OPTIONAL ACCESSORIES | | | | |
|--|-----------|-----------|----------|----------|
| ACCESSORIES | HLC66D18X | HLC66D36X | HLC6612X | HLC6624X |
| Brass 3mm Gland Plate | ✓ | ✓ | ✓ | ✓ |
| Aluminium 3mm Gland Plate | ✓ | ✓ | ✓ | ✓ |
| Aluminium 6mm Gland Plate | ✓ | ✓ | ✓ | ✓ |
| Stainless Steel Padlockable Swing Handle | ✓ | ✓ | ✓ | ✓ |
| Tamper Proof Gland Plate Screw Kit | ✓ | ✓ | ✓ | ✓ |
| Stainless Steel 316 Grade Enclosure | ✓ | ✓ | ✓ | ✓ |
| SFM 3 Phase conversion Kit | ✓ | ✓ | ✓ | ✓ |
| DIN 3 Phase conversion Kit | ✓ | ✓ | ✓ | ✓ |

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

CBI-electric:Australia

FREE CALL: 1800 770 870 | headoffice@cbi-electric.com.au | www.cbi-electric.com.au

A member of the **REUNERT** Group