

CONCEPT PANEL CONVERSION KIT



Panel Conversion Kit adapts enclosure for mounting standard NEMA-style panels in Concept enclosures. Bracket attaches to rear collar stud. Kit includes four adapter plates and hardware for mounting panel.

BULLETIN: CWY

| Catalog Number | Material | Fits CONCEPT Enclosure |
|----------------|----------|--|
| CCPM4 | Steel | When A x B is equal to or less than 30.00 x 30.00 in. (762 x 762 mm) |

SWING-OUT RACK FRAME



Swing-Out Rack Frames provide 120-degree swing-out access for 19-in. rack equipment. Welded rack frame mounts to front flange. Distance from frame to door surface is 1.32 in. (33 mm) for solid doors and 1.07 in. (27 mm) for window doors. Frame is painted white. Mounting hinge and latching hardware provided. Order separately clip nut package catalog number XNM5 and screws XSM5 (metric) or AN1032 and screws AS1032 (English). *Swing-Out Rack Frame cannot be mounted on adjustable mounting kit.*

BULLETIN: CWY

| Catalog Number | Material | Fits Enclosure A x B |
|----------------|---------------|----------------------------------|
| CSF2424 | Painted steel | 24.00 x 24.00 in. (610 x 610 mm) |
| CSF3024 | Painted steel | 30.00 x 24.00 in. (762 x 610 mm) |
| CSF3624 | Painted steel | 36.00 x 24.00 in. (914 x 610 mm) |

CONCEPT ADJUSTABLE-DEPTH MOUNTING KITS

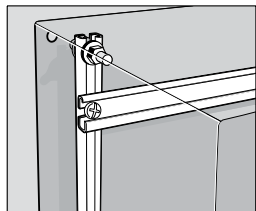


Adjustable-Depth Mounting Kits provide mounting means for installing panels, swing-out panels, DIN rails, rack angles, mounting channels or grid straps at any depth from front to rear of enclosure. Kits include slide mechanisms and hardware. Use two kits when enclosure has six collar studs for mounting panel. Kit catalog numbers ending in 2 contain two slide mechanisms; catalog numbers ending in 4 contain four slide mechanisms. *Dead Front Panel and Swing-Out Rack Frame cannot be mounted on adjustable mounting kit.*

BULLETIN: CWY

| Catalog Number | Fits CONCEPT Enclosure (in.) | Fits CONCEPT Enclosure (mm) |
|----------------|------------------------------|-----------------------------|
| CAM64 | when C = 6.00 | when C = 152 |
| CAM82 | when C = 8.00 | when C = 203 |
| CAM84 | when C = 8.00 | when C = 203 |
| CAM102 | when C = 10.00 | when C = 254 |
| CAM104 | when C = 10.00 | when C = 254 |
| CAM122 | when C = 12.00 | when C = 305 |
| CAM124 | when C = 12.00 | when C = 305 |
| CAM162 | when C = 16.00 | when C = 406 |
| CAM164 | when C = 16.00 | when C = 406 |
| CAM202 | when C = 20.00 | when C = 508 |
| CAM204 | when C = 20.00 | when C = 508 |

MOUNTING CHANNELS



Mounting Channels provide mounting framework for installing DIN rails and grid straps at various positions within the enclosure. Channels can be mounted vertically or horizontally to collar studs or to the slide mechanisms of the adjustable-depth mounting kit. Kit includes two channels.

BULLETIN: CWY

| Catalog Number | Fits CONCEPT Enclosure |
|----------------|-----------------------------------|
| CMC12 | when A or B = 12.00 in. (305 mm) |
| CMC16 | when A or B = 16.00 in. (406 mm) |
| CMC20 | when A or B = 20.00 in. (508 mm) |
| CMC24 | when A or B = 24.00 in. (610 mm) |
| CMC60 | when A or B = 60.00 in. (1524 mm) |

RACK-MOUNT ANGLES



Rack-Mount Angles are a mounting means for 19-in. rack equipment in 24-in. wide enclosures. L-shaped through-hole angles attach to enclosure flange or the adjustable-depth mounting kit. Holes are .281 in. (7 mm) in diameter. Clear plated 14 gauge steel construction. Mounting hardware included.
Order separately clip nut package catalog number XNM5 and screws XSM5 (metric) or AN1032 and screws AS1032 (English).

BULLETIN: CWY

| Catalog Number | Fits CONCEPT Enclosure | Rack Units |
|----------------|-----------------------------|------------|
| CRA12TH | when A = 24.00 in. (610 mm) | 12 |
| CRA16TH | when A = 30.00 in. (762 mm) | 16 |

DIN3 RAIL KITS



DIN3 Rail Kits supply mounting surfaces for DIN mount snap-on devices in either DIN 1, DIN 3 or CENELEC styles. Rails attach vertically or horizontally to rear collar stud or to mounting channels. Kit includes three rails and mounting hardware.

BULLETIN: CWY

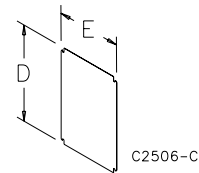
| Catalog Number | Fits Concept Enclosure |
|----------------|----------------------------------|
| CDR3P12 | when A or B = 12.00 in. (305 mm) |
| CDR3P16 | when A or B = 16.00 in. (406 mm) |
| CDR3P20 | when A or B = 20.00 in. (508 mm) |
| CDR3P24 | when A or B = 24.00 in. (610 mm) |

CONCEPT PANELS

These panels are taller and wider than corresponding NEMA-size panels. Panels are 14 or 12 gauge steel and painted white or have a conductive finish.

Panels have a formed flange along any side that is longer than 22.20 in. (564 mm).

BULLETIN: CWP, CWY, DWDH2



| Catalog Number | Panel Type | Panel Size D x E (in.) | Panel Size D x E (mm) | Gauge |
|----------------|---------------|------------------------|-----------------------|-------|
| CP1210 | Painted steel | 10.20 x 8.20 | 259 x 208 | 14 |
| CP1210G | Conductive | 10.20 x 8.20 | 259 x 208 | 14 |
| CP1212 | Painted steel | 10.20 x 10.20 | 259 x 259 | 12 |
| CP1212G | Conductive | 10.20 x 10.20 | 259 x 259 | 12 |
| CP1612 | Painted steel | 14.20 x 10.20 | 361 x 259 | 12 |
| CP1612G | Conductive | 14.20 x 10.20 | 361 x 259 | 12 |
| CP1616 | Painted steel | 14.20 x 14.20 | 361 x 361 | 12 |
| CP1616G | Conductive | 14.20 x 14.20 | 361 x 361 | 12 |
| CP2012 | Painted steel | 18.20 x 10.20 | 462 x 259 | 12 |
| CP2012G | Conductive | 18.20 x 10.20 | 462 x 259 | 12 |
| CP2014 | Painted steel | 18.20 x 12.20 | 462 x 310 | 12 |
| CP2014G | Conductive | 18.20 x 12.20 | 462 x 310 | 12 |
| CP2016 | Painted steel | 18.20 x 14.20 | 462 x 361 | 12 |
| CP2016G | Conductive | 18.20 x 14.20 | 462 x 361 | 12 |
| CP2020 | Painted steel | 18.20 x 18.20 | 462 x 462 | 12 |
| CP2020G | Conductive | 18.20 x 18.20 | 462 x 462 | 12 |
| CP2412 | Painted steel | 22.20 x 10.20 | 564 x 259 | 12 |
| CP2412G | Conductive | 22.20 x 10.20 | 564 x 259 | 12 |
| CP2416 | Painted steel | 22.20 x 14.20 | 564 x 361 | 12 |
| CP2416G | Conductive | 22.20 x 14.20 | 564 x 361 | 12 |
| CP2420 | Painted steel | 22.20 x 18.20 | 564 x 462 | 12 |
| CP2420G | Conductive | 22.20 x 18.20 | 564 x 462 | 12 |
| CP2424 | Painted steel | 22.20 x 22.20 | 564 x 564 | 12 |
| CP2424G | Conductive | 22.20 x 22.20 | 564 x 564 | 12 |
| CP2442 | Painted steel | 22.20 x 40.20 | 564 x 1021 | 12 |
| CP2442G | Conductive | 22.20 x 40.20 | 564 x 1021 | 12 |
| CP3012 | Painted steel | 28.20 x 10.20 | 716 x 259 | 12 |
| CP3012G | Conductive | 28.20 x 10.20 | 716 x 259 | 12 |
| CP3016 | Painted steel | 28.20 x 14.20 | 716 x 361 | 12 |
| CP3016G | Conductive | 28.20 x 14.20 | 716 x 361 | 12 |
| CP3020 | Painted steel | 28.20 x 18.20 | 716 x 462 | 12 |
| CP3020G | Conductive | 28.20 x 18.20 | 716 x 462 | 12 |
| CP3024 | Painted steel | 28.20 x 22.20 | 716 x 564 | 12 |
| CP3024G | Conductive | 28.20 x 22.20 | 716 x 564 | 12 |
| CP3030 | Painted steel | 28.20 x 28.20 | 716 x 716 | 12 |
| CP3030G | Conductive | 28.20 x 28.20 | 716 x 716 | 12 |
| CP3048 | Painted steel | 28.20 x 46.20 | 716 x 1173 | 12 |
| CP3048G | Conductive | 28.20 x 46.20 | 716 x 1173 | 12 |
| CP3060 | Painted steel | 28.20 x 58.20 | 716 x 1478 | 12 |
| CP3060G | Conductive | 28.20 x 58.20 | 716 x 1478 | 12 |
| CP3220 | Painted steel | 30.20 x 18.20 | 762 x 462 | 12 |
| CP3624 | Painted steel | 34.20 x 22.20 | 869 x 564 | 12 |
| CP3624G | Conductive | 34.20 x 22.20 | 869 x 564 | 12 |
| CP3630 | Painted steel | 34.20 x 28.20 | 869 x 716 | 12 |
| CP3630G | Conductive | 34.20 x 28.20 | 869 x 716 | 12 |
| CP3636 | Painted steel | 34.20 x 34.20 | 869 x 869 | 12 |
| CP3636G | Conductive | 34.20 x 34.20 | 869 x 869 | 12 |
| CP4230 | Painted steel | 40.20 x 28.20 | 1021 x 716 | 12 |
| CP4230G | Conductive | 40.20 x 28.20 | 1021 x 716 | 12 |
| CP4236 | Painted steel | 40.20 x 34.20 | 1021 x 869 | 12 |
| CP4236G | Conductive | 40.20 x 34.20 | 1021 x 869 | 12 |
| CP4242 | Painted steel | 40.20 x 40.20 | 1021 x 1021 | 12 |
| CP4242G | Conductive | 40.20 x 40.20 | 1021 x 1021 | 12 |
| CP4260 | Painted steel | 40.20 x 58.20 | 1021 x 1478 | 12 |
| CP4260G | Conductive | 40.20 x 58.20 | 1021 x 1478 | 12 |
| CP4420 | Painted steel | 42.20 x 18.20 | 1072 x 462 | 12 |
| CP4824 | Painted steel | 46.20 x 22.20 | 1173 x 564 | 12 |
| CP4824G | Conductive | 46.20 x 22.20 | 1173 x 564 | 12 |
| CP4836 | Painted steel | 46.20 x 34.20 | 1173 x 869 | 12 |
| CP4836G | Conductive | 46.20 x 34.20 | 1173 x 869 | 12 |
| CP4848 | Painted steel | 46.20 x 46.20 | 1173 x 1173 | 12 |
| CP4848G | Conductive | 46.20 x 46.20 | 1173 x 1173 | 12 |
| CP5620 | Painted steel | 53.20 x 18.20 | 1351 x 462 | 12 |
| CP6036 | Painted steel | 58.20 x 34.20 | 1478 x 869 | 12 |
| CP6036G | Conductive | 58.20 x 34.20 | 1478 x 869 | 12 |
| CP7230 | Painted steel | 70.20 x 28.20 | 1783 x 716 | 12 |
| CP7230G | Conductive | 70.20 x 28.20 | 1783 x 716 | 12 |
| CP7236 | Painted steel | 70.20 x 34.20 | 1783 x 869 | 12 |

Catalog number CP4230 is used on CONCEPT disconnect enclosures.

CONCEPT SWING-OUT PANELS



Panels swing clear from the front of the enclosure to provide access to mounted internal equipment. For CSPB panels, maximum swing is 94 degrees. For CSP panels, maximum panel swing is 106 degrees. Distance from panel surface to door when in the latched position is 1.71 in. (43 mm) for solid doors and 1.45 in. (37 mm) for window doors. Kits include panel, brackets and hardware to mount to the front flange. Panel is painted white.

Swing-out panels also can be mounted on front-to-back adjustable rails. CSPB panels require adapter CSPBADB and front-to-back adjustable rails for front-to-back adjustment.

BULLETIN: CWY

CONCEPT ADAPTER BRACKET

Adapter bracket for use with Concept B-style Swing-Out Panels and Adjustable-Depth Mounting Kits. Bracket enables the B-style swing-out panels to be mounted in infinite front-to-back positions within a Concept enclosure.

HANDLES



CSPB Panels

| Catalog Number | Fits Enclosure Size (in.) | Fits Enclosure Size (mm) | Panel Size (in.) | Panel Size (mm) |
|----------------|---------------------------|--------------------------|------------------|-----------------|
| CSPB1212 | 12.00 x 12.00 | 305 x 305 | 9.72 x 9.75 | 247 x 248 |
| CSPB1612 | 16.00 x 12.00 | 406 x 305 | 13.72 x 9.75 | 349 x 248 |
| CSPB1616 | 16.00 x 16.00 | 406 x 406 | 13.72 x 13.75 | 349 x 349 |
| CSPB1620 | 16.00 x 20.00 | 406 x 508 | 13.72 x 17.75 | 349 x 451 |
| CSPB2016 | 20.00 x 16.00 | 508 x 406 | 17.72 x 13.75 | 450 x 349 |
| CSPB2020 | 20.00 x 20.00 | 508 x 508 | 17.72 x 17.75 | 450 x 451 |
| CSPB2024 | 20.00 x 24.00 | 508 x 610 | 17.72 x 21.75 | 450 x 553 |
| CSPB2416 | 24.00 x 16.00 | 610 x 406 | 21.72 x 13.73 | 552 x 349 |
| CSPB2420 | 24.00 x 20.00 | 610 x 508 | 21.72 x 17.75 | 552.452 |
| CSPB2424 | 24.00 x 24.00 | 610 x 610 | 21.72 x 21.75 | 552 x 553 |
| CSPB2430 | 24.00 x 30.00 | 610 x 762 | 21.72 x 27.75 | 552 x 705 |
| CSPB3020 | 30.00 x 20.00 | 762 x 508 | 27.72 x 17.75 | 704 x 451 |
| CSPB3024 | 30.00 x 24.00 | 762 x 610 | 27.72 x 21.75 | 704 x 553 |
| CSPB3030 | 30.00 x 30.00 | 762 x 762 | 27.72 x 27.75 | 704 x 705 |
| CSPB3624 | 36.00 x 24.00 | 914 x 610 | 33.72 x 21.75 | 857 x 553 |
| CSPB3630 | 36.00 x 30.00 | 914 x 762 | 33.72 x 27.75 | 857 x 705 |
| CSPB3636 | 36.00 x 36.00 | 914 x 914 | 33.72 x 33.75 | 857 x 857 |
| CSPB4236 | 42.00 x 36.00 | 1067 x 914 | 39.72 x 33.75 | 1009 x 857 |
| CSPB4824 | 48.00 x 24.00 | 1219 x 610 | 45.72 x 21.75 | 1161 x 553 |
| CSPB4836 | 48.00 x 36.00 | 1219 x 914 | 45.72 x 33.75 | 1161 x 857 |
| CSPB6036 | 60.00 x 36.00 | 1542 x 914 | 57.72 x 33.75 | 1466 x 857 |

CSP Panels

| Catalog Number | Fits Enclosure (in.) | Fits Enclosure (mm) | Panel Size (in.) | Panel Size (mm) |
|----------------|----------------------|---------------------|------------------|-----------------|
| CSP1212 | 12.00 x 12.00 | 305 x 305 | 9.78 x 9.84 | 248 x 250 |
| CSP1612 | 16.00 x 12.00 | 406 x 305 | 13.78 x 9.84 | 350 x 250 |
| CSP1616 | 16.00 x 16.00 | 406 x 406 | 13.78 x 13.84 | 350 x 352 |
| CSP1620 | 16.00 x 20.00 | 406 x 508 | 13.78 x 17.84 | 350 x 453 |
| CSP2016 | 20.00 x 16.00 | 508 x 406 | 17.78 x 13.84 | 452 x 352 |
| CSP2020 | 20.00 x 20.00 | 508 x 508 | 17.78 x 17.84 | 452 x 453 |
| CSP2024 | 20.00 x 24.00 | 508 x 610 | 17.78 x 21.84 | 452 x 555 |
| CSP2416 | 24.00 x 16.00 | 610 x 406 | 21.78 x 13.84 | 553 x 352 |
| CSP2420 | 24.00 x 20.00 | 610 x 508 | 21.78 x 17.84 | 553 x 453 |
| CSP2424 | 24.00 x 24.00 | 610 x 610 | 21.78 x 21.84 | 553 x 555 |
| CSP3020 | 30.00 x 20.00 | 762 x 508 | 27.78 x 17.84 | 706 x 453 |
| CSP3024 | 30.00 x 24.00 | 762 x 610 | 27.78 x 21.84 | 706 x 555 |
| CSP3030 | 30.00 x 30.00 | 762 x 762 | 27.78 x 27.84 | 706 x 707 |
| CSP3624 | 36.00 x 24.00 | 914 x 610 | 33.78 x 21.84 | 858 x 555 |
| CSP3630 | 36.00 x 30.00 | 914 x 762 | 33.78 x 27.84 | 858 x 707 |
| CSP3636 | 36.00 x 36.00 | 914 x 914 | 33.78 x 33.84 | 858 x 860 |

BULLETIN: CWY

| Catalog Number | Material |
|----------------|----------|
| CSPBADB | Steel |

Handles can replace the standard slotted insert on all Concept wall-mount enclosures. The Concept non-locking handle provides quick and easy access to the enclosure contents. Handle is black plastic. A zinc die-cast keylock handle is available for applications requiring quick access and security. A padlocking handle, also zinc die-cast, accommodates a padlock with up to a 5/16-in. locking bar. Each latch system can be converted from clockwise to counterclockwise opening. Kit includes all hardware.

BULLETIN: CWY

| Catalog Number | UL Rating | Description |
|----------------|--|--------------------|
| CWHK | Maintains UL/CSA Type 4 when properly installed | Keylock handle |
| CWHNL | Maintains UL Type 3, 4, 4X, 12 when properly installed | Non-locking handle |
| CWHPTO | Maintains UL/CSA Type 3, 4, 4X, 12 when properly installed | Padlock handle |

CWHNL is not suitable for 3-point latch operation.

DOOR STOP KIT



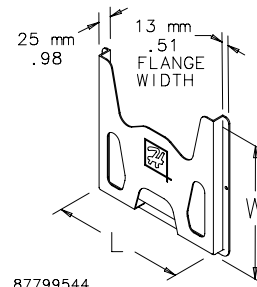
Door Stop Kit secures the door in the open position. Kit can be installed at the top or bottom of a door which opens horizontally. Door opening angle can be easily adjusted by means of a wing nut. Stop arm slides neatly out of the way when the door is closed. All parts are plated. Mounting hardware included.

- *Door stop kits should not be installed on enclosures configured with a swing-out panel or swing-out rack frame*
- *Door stop kits cannot be used with CONCEPT window doors*

BULLETIN: A80

| Catalog Number | Finish |
|----------------|--------------|
| ADSTOPK | Plated Steel |

DATA POCKETS



87799544

Provides a convenient place to store wiring diagrams, operation manuals and other documentation inside the enclosure. Adhesive-backed pockets mount inside the solid enclosure cover. Mounting hardware included. Thermoplastic pockets are black and have cut-away areas for easy inspection of contents.

BULLETIN: A80DP

| Catalog Number | Description | L in./mm | W in./mm |
|----------------|--------------|--------------|--------------|
| ADP1 | Small pocket | 6.00 152 | 6.00 152 |
| ADP2 | Large pocket | 12.00 305 | 12.00 305 |

Use ADP2 when A = 24 and B = 30

LOCK INSERTS



Lock inserts can be substituted for the standard 3-mm double-bit latch insert. Inserts have a chrome finish. Matching key is zinc die-cast.

BULLETIN: A4GY, CWY

| Catalog Number | Description |
|----------------|---------------------------------|
| CLKTM7 | Triangular 7-mm insert with key |
| CLKSM7 | Square 7-mm insert with key |
| CLKDBM3 | Double bit with key |
| CLKSLOT | Slotted Insert no key |

HINGE PINS



Contact Customer Service to order new mild steel hinge pins for an existing product.

BULLETIN: VM3

| Catalog Number | Description | Qty. |
|----------------|-------------|------|
| GHPINMS | Hinge Pin | 2 |

Notes