























Commercial Enclosures

Commercial Enclosures

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Type 1 Mild Steel Junction Box *CSKO Series*

Screw Cover and w/ Knockouts

Commercial Enclosures Junction Boxes


Quick Link: hammfg.com/CSKO

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with:
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Flush Covers...See Page **311**

| Part No. | Enclosure | | |
|------------|-----------|-------|-------|
| | H | W | D |
| CSKO443 | 4.00 | 4.00 | 3.00 |
| CSKO663 | 6.00 | 6.00 | 3.00 |
| CSKO863 | 8.00 | 6.00 | 3.00 |
| CSKO16143 | 16.00 | 14.00 | 3.00 |
| CSKO18143 | 18.00 | 14.00 | 3.00 |
| CSKO20143 | 20.00 | 14.00 | 3.00 |
| CSKO444 | 4.00 | 4.00 | 4.00 |
| CSKO644 | 6.00 | 4.00 | 4.00 |
| CSKO664 | 6.00 | 6.00 | 4.00 |
| CSKO864 | 8.00 | 6.00 | 4.00 |
| CSKO884 | 8.00 | 8.00 | 4.00 |
| CSKO1084 | 10.00 | 8.00 | 4.00 |
| CSKO10104 | 10.00 | 10.00 | 4.00 |
| CSKO1284 | 12.00 | 8.00 | 4.00 |
| CSKO12104 | 12.00 | 10.00 | 4.00 |
| CSKO12124 | 12.00 | 12.00 | 4.00 |
| CSKO16124 | 16.00 | 12.00 | 4.00 |
| CSKO18124 | 18.00 | 12.00 | 4.00 |
| CSKO18184 | 18.00 | 18.00 | 4.00 |
| CSKO24244 | 24.00 | 24.00 | 4.00 |
| CSKO666 | 6.00 | 6.00 | 6.00 |
| CSKO886 | 8.00 | 8.00 | 6.00 |
| CSKO1086 | 10.00 | 8.00 | 6.00 |
| CSKO10106 | 10.00 | 10.00 | 6.00 |
| CSKO12106 | 12.00 | 10.00 | 6.00 |
| CSKO12126 | 12.00 | 12.00 | 6.00 |
| CSKO16126 | 16.00 | 12.00 | 6.00 |
| CSKO16166 | 16.00 | 16.00 | 6.00 |
| CSKO18126 | 18.00 | 12.00 | 6.00 |
| CSKO18186 | 18.00 | 18.00 | 6.00 |
| CSKO24186 | 24.00 | 18.00 | 6.00 |
| CSKO24246 | 24.00 | 24.00 | 6.00 |
| CSKO30246 | 30.00 | 24.00 | 6.00 |
| CSKO36246 | 36.00 | 24.00 | 6.00 |
| CSKO12128 | 12.00 | 12.00 | 8.00 |
| CSKO16168 | 16.00 | 16.00 | 8.00 |
| CSKO24248 | 24.00 | 24.00 | 8.00 |
| CSKO202010 | 20.00 | 20.00 | 10.00 |
| CSKO242410 | 24.00 | 24.00 | 10.00 |
| CSKO302010 | 30.00 | 20.00 | 10.00 |
| CSKO362410 | 36.00 | 24.00 | 10.00 |

Type 1 Mild Steel Junction Box *CS Series*

Screw Cover and without Knockouts



Quick Link: hammfg.com/CS

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16, 14 or 12 gauge steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Flush Covers...*See Page 311*

| Part No. | Enclosure | | |
|----------|-----------|-------|-------|
| | H | W | D |
| CS443 | 4.00 | 4.00 | 3.00 |
| CS663 | 6.00 | 6.00 | 3.00 |
| CS863 | 8.00 | 6.00 | 3.00 |
| CS16143 | 16.00 | 14.00 | 3.00 |
| CS18143 | 18.00 | 14.00 | 3.00 |
| CS20143 | 20.00 | 14.00 | 3.00 |
| CS444 | 4.00 | 4.00 | 4.00 |
| CS644 | 6.00 | 4.00 | 4.00 |
| CS664 | 6.00 | 6.00 | 4.00 |
| CS864 | 8.00 | 6.00 | 4.00 |
| CS884 | 8.00 | 8.00 | 4.00 |
| CS1084 | 10.00 | 8.00 | 4.00 |
| CS10104 | 10.00 | 10.00 | 4.00 |
| CS1284 | 12.00 | 8.00 | 4.00 |
| CS12104 | 12.00 | 10.00 | 4.00 |
| CS12124 | 12.00 | 12.00 | 4.00 |
| CS16124 | 16.00 | 12.00 | 4.00 |
| CS18124 | 18.00 | 12.00 | 4.00 |
| CS18184 | 18.00 | 18.00 | 4.00 |
| CS24244 | 24.00 | 24.00 | 4.00 |
| CS666 | 6.00 | 6.00 | 6.00 |
| CS886 | 8.00 | 8.00 | 6.00 |
| CS1086 | 10.00 | 8.00 | 6.00 |
| CS10106 | 10.00 | 10.00 | 6.00 |
| CS12106 | 12.00 | 10.00 | 6.00 |
| CS12126 | 12.00 | 12.00 | 6.00 |
| CS16126 | 16.00 | 12.00 | 6.00 |
| CS16166 | 16.00 | 16.00 | 6.00 |
| CS18126 | 18.00 | 12.00 | 6.00 |
| CS18186 | 18.00 | 18.00 | 6.00 |
| CS24186 | 24.00 | 18.00 | 6.00 |
| CS24246 | 24.00 | 24.00 | 6.00 |
| CS30246 | 30.00 | 24.00 | 6.00 |
| CS36246 | 36.00 | 24.00 | 6.00 |
| CS36366 | 36.00 | 36.00 | 6.00 |
| CS12128 | 12.00 | 12.00 | 8.00 |
| CS16168 | 16.00 | 16.00 | 8.00 |
| CS18188 | 18.00 | 18.00 | 8.00 |
| CS24248 | 24.00 | 24.00 | 8.00 |
| CS36248 | 36.00 | 24.00 | 8.00 |
| CS202010 | 20.00 | 20.00 | 10.00 |
| CS242410 | 24.00 | 24.00 | 10.00 |
| CS302010 | 30.00 | 20.00 | 10.00 |
| CS362410 | 36.00 | 24.00 | 10.00 |
| CS363612 | 36.00 | 36.00 | 12.00 |

Commercial Enclosures Junction Boxes

Type 1 Mild Steel Junction Box *CHKO Series*

Hinge Door with Quarter Turn and w/ Knockouts

Commercial Enclosures

Junction Boxes



Quick Link: hammfg.com/CHKO

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.
- Hinged cover with latch provides easy access during installation and maintenance.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge steel depending on size.
- Formed steel covers close by use of slotted quarter turn latch.
- Full swing door using butt hinges.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page 270*

| Part No. | Enclosure | | |
|-----------|-----------|-------|------|
| | H | W | D |
| CHKO663 | 6.00 | 6.00 | 3.50 |
| CHKO644 | 6.00 | 4.00 | 4.00 |
| CHKO664 | 6.00 | 6.00 | 4.00 |
| CHKO864 | 8.00 | 6.00 | 4.00 |
| CHKO884 | 8.00 | 8.00 | 4.00 |
| CHKO1084 | 10.00 | 8.00 | 4.00 |
| CHKO10104 | 10.00 | 10.00 | 4.00 |
| CHKO1284 | 12.00 | 8.00 | 4.00 |
| CHKO12104 | 12.00 | 10.00 | 4.00 |
| CHKO12124 | 12.00 | 12.00 | 4.00 |
| CHKO16124 | 16.00 | 12.00 | 4.00 |
| CHKO18124 | 18.00 | 12.00 | 4.00 |
| CHKO666 | 6.00 | 6.00 | 6.00 |
| CHKO886 | 8.00 | 8.00 | 6.00 |
| CHKO1086 | 10.00 | 8.00 | 6.00 |
| CHKO10106 | 10.00 | 10.00 | 6.00 |
| CHKO12106 | 12.00 | 10.00 | 6.00 |
| CHKO12126 | 12.00 | 12.00 | 6.00 |
| CHKO16126 | 16.00 | 12.00 | 6.00 |
| CHKO16166 | 16.00 | 16.00 | 6.00 |
| CHKO18126 | 18.00 | 12.00 | 6.00 |
| CHKO18186 | 18.00 | 18.00 | 6.00 |
| CHKO24186 | 24.00 | 18.00 | 6.00 |
| CHKO24246 | 24.00 | 24.00 | 6.00 |
| CHKO30246 | 30.00 | 24.00 | 6.00 |
| CHKO36246 | 36.00 | 24.00 | 6.00 |
| CHKO36248 | 36.00 | 24.00 | 8.00 |

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Unpainted Galvanized Steel Junction Box *CSG Series*

Screw Cover and without Knockouts



Quick Link: hammfg.com/CSG

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge G90 galvanized steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are unpainted galvanized steel.

| Part No. | Enclosure | | |
|----------|-----------|-------|------|
| | H | W | D |
| CSG664 | 6.00 | 6.00 | 4.00 |
| CSG884 | 8.00 | 8.00 | 4.00 |
| CSG10104 | 10.00 | 10.00 | 4.00 |
| CSG12124 | 12.00 | 12.00 | 4.00 |
| CSG666 | 6.00 | 6.00 | 6.00 |
| CSG886 | 8.00 | 8.00 | 6.00 |
| CSG10106 | 10.00 | 10.00 | 6.00 |
| CSG12106 | 12.00 | 10.00 | 6.00 |
| CSG12126 | 12.00 | 12.00 | 6.00 |
| CSG18126 | 18.00 | 12.00 | 6.00 |
| CSG18186 | 18.00 | 18.00 | 6.00 |
| CSG24246 | 24.00 | 24.00 | 6.00 |
| CSG12128 | 12.00 | 12.00 | 8.00 |
| CSG18188 | 18.00 | 18.00 | 8.00 |
| CSG24248 | 24.00 | 24.00 | 8.00 |

Type 1 Unpainted Galvanized Steel Junction Box *CSKOG Series*

Screw Cover and w/ Knockouts

Commercial Enclosures
Junction Boxes



Quick Link: hammfg.com/CSKOG

Application

- Designed for general purpose indoor commercial use as a junction, pull or switch box.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with:
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 or 14 gauge G90 galvanized steel depending on size.
- Flat steel covers fastened with plated steel screws.
- Keyhole slots permit cover to be lifted off without removing screws entirely.
- Easily removed knockouts on all 4 sides (see drawings for sizes and locations).
- Through holes in back for wall mounting.
- Grounding location embossed in body.

Finish

- Enclosure and cover are unpainted galvanized steel.

| Part No. | Enclosure | | |
|------------|-----------|-------|------|
| | H | W | D |
| CSKOG664 | 6.00 | 6.00 | 4.00 |
| CSKOG884 | 8.00 | 8.00 | 4.00 |
| CSKOG10104 | 10.00 | 10.00 | 4.00 |
| CSKOG12124 | 12.00 | 12.00 | 4.00 |
| CSKOG666 | 6.00 | 6.00 | 6.00 |
| CSKOG886 | 8.00 | 8.00 | 6.00 |
| CSKOG10106 | 10.00 | 10.00 | 6.00 |
| CSKOG12126 | 12.00 | 12.00 | 6.00 |
| CSKOG12128 | 12.00 | 12.00 | 8.00 |

Type 3R Painted Galvanized Steel Junction Box *C3R SC NKO Series*

Lift-Off Cover with Screws without Knockouts



Quick Link: hammfg.com/C3RSCNKO

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- Door handles on body type C enclosures.
- Embossed mounting holes on back of enclosure.
- Padlocking hasp.
- No Gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

| Part No. | Enclosure | | |
|---------------|-----------|-------|------|
| | H | W | D |
| C3R664SCNKO | 6.00 | 6.00 | 4.00 |
| C3R884SCNKO | 8.00 | 8.00 | 4.00 |
| C3R10104SCNKO | 10.00 | 10.00 | 4.00 |
| C3R12124SCNKO | 12.00 | 12.00 | 4.00 |
| C3R10106SCNKO | 10.00 | 10.00 | 6.00 |
| C3R12126SCNKO | 12.00 | 12.00 | 6.00 |
| C3R16126SCNKO | 16.00 | 12.00 | 6.00 |
| C3R18186SCNKO | 18.00 | 18.00 | 6.00 |

Type 3R Painted Galvanized Steel Junction Box *C3R SC Series*

Lift-Off Cover with Screws and w/ Knockouts



Commercial Enclosures Junction Boxes

Quick Link: hammfg.com/C3RSC

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- Door handles on body type C enclosures.
- Embossed mounting holes on back of enclosure.
- Easily removed knockouts on bottom of enclosure.
- Padlocking hasp.
- No Gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

| Part No. | Enclosure | | |
|-------------|-----------|-------|-------|
| | H | W | D |
| C3R444SC | 4.00 | 4.00 | 4.00 |
| C3R644SC | 6.00 | 4.00 | 4.00 |
| C3R1244SC | 12.00 | 4.00 | 4.00 |
| C3R664SC | 6.00 | 6.00 | 4.00 |
| C3R864SC | 8.00 | 6.00 | 4.00 |
| C3R884SC | 8.00 | 8.00 | 4.00 |
| C3R1084SC | 10.00 | 8.00 | 4.00 |
| C3R1284SC | 12.00 | 8.00 | 4.00 |
| C3R10104SC | 10.00 | 10.00 | 4.00 |
| C3R12104SC | 12.00 | 10.00 | 4.00 |
| C3R12124SC | 12.00 | 12.00 | 4.00 |
| C3R18124SC | 18.00 | 12.00 | 4.00 |
| C3R18184SC | 18.00 | 18.00 | 4.00 |
| C3R666SC | 6.00 | 6.00 | 6.00 |
| C3R1866SC | 18.00 | 6.00 | 6.00 |
| C3R886SC | 8.00 | 8.00 | 6.00 |
| C3R1086SC | 10.00 | 8.00 | 6.00 |
| C3R10106SC | 10.00 | 10.00 | 6.00 |
| C3R1286SC | 12.00 | 8.00 | 6.00 |
| C3R12106SC | 12.00 | 10.00 | 6.00 |
| C3R12126SC | 12.00 | 12.00 | 6.00 |
| C3R15126SC | 15.00 | 12.00 | 6.00 |
| C3R16126SC | 16.00 | 12.00 | 6.00 |
| C3R18126SC | 18.00 | 12.00 | 6.00 |
| C3R18186SC | 18.00 | 18.00 | 6.00 |
| C3R24126SC | 24.00 | 12.00 | 6.00 |
| C3R24186SC | 24.00 | 18.00 | 6.00 |
| C3R24246SC | 24.00 | 24.00 | 6.00 |
| C3R888SC | 8.00 | 8.00 | 8.00 |
| C3R2488SC | 24.00 | 8.00 | 8.00 |
| C3R12128SC | 12.00 | 12.00 | 8.00 |
| C3R15128SC | 15.00 | 12.00 | 8.00 |
| C3R18128SC | 18.00 | 12.00 | 8.00 |
| C3R24168SC | 24.00 | 16.00 | 8.00 |
| C3R18188SC | 18.00 | 18.00 | 8.00 |
| C3R24188SC | 24.00 | 18.00 | 8.00 |
| C3R24208SC | 24.00 | 20.00 | 8.00 |
| C3R24248SC | 24.00 | 24.00 | 8.00 |
| C3R30248SC | 30.00 | 24.00 | 8.00 |
| C3R48368SC | 48.00 | 36.00 | 8.00 |
| C3R181810SC | 18.00 | 18.00 | 10.00 |
| C3R241810SC | 24.00 | 18.00 | 10.00 |
| C3R242410SC | 24.00 | 24.00 | 10.00 |
| C3R302410SC | 30.00 | 24.00 | 10.00 |
| C3R242412SC | 24.00 | 24.00 | 12.00 |
| C3R303012SC | 30.00 | 30.00 | 12.00 |
| C3R363012SC | 36.00 | 30.00 | 12.00 |
| C3R363612SC | 36.00 | 36.00 | 12.00 |
| C3R303016SC | 30.00 | 30.00 | 16.00 |
| C3R483616SC | 48.00 | 36.00 | 16.00 |

Type 3R Painted Galvanized Steel Junction Box *C3RESCNK Series*

Screw Cover and without Knockouts



Quick Link: hammfg.com/C3RESCNK

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed and spot welded from 16 gauge galvanized steel (24x24x6 is 14 gauge).
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- External mounting feet
- Oil resistant gaskets are permanently secured
- A bonding stud is provided on the door and a grounding stud is provided in the box.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

| Part No. | Enclosure | | |
|---------------|-----------|-------|------|
| | H | W | D |
| C3R664ESCNK | 6.00 | 6.00 | 4.00 |
| C3R884ESCNK | 8.00 | 8.00 | 4.00 |
| C3R886ESCNK | 8.00 | 8.00 | 6.00 |
| C3R10104ESCNK | 10.00 | 10.00 | 4.00 |
| C3R10106ESCNK | 10.00 | 10.00 | 6.00 |
| C3R12124ESCNK | 12.00 | 12.00 | 4.00 |
| C3R12126ESCNK | 12.00 | 12.00 | 6.00 |
| C3R16166ESCNK | 16.00 | 16.00 | 6.00 |
| C3R18186ESCNK | 18.00 | 18.00 | 6.00 |
| C3R24246ESCNK | 24.00 | 24.00 | 6.00 |

Type 3R Painted Galvanized Steel Junction Box *C3R HCR SM Series*

Hinge Door with Snap Latch and w/ Knockouts



Quick Link: hammfg.com/C3RHCRSM

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed and spot welded from 16 gauge galvanized steel.
- Drip-shield top and seam-free sides, front and back.
- Galvanized steel hinge has stainless steel pin.
- Provisions for padlocking on zinc-plated draw pull catch.
- Easily removed knockouts on bottom of enclosure.
- Panel studs provided for mounting optional panels.
- External mounting feet.
- Oil resistant gaskets are permanently secured.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page 284*
- Perforated Inner Panels...*See Page 287*

| Part No. | Enclosure | | | Optional Inner Panel | | |
|---------------------|-----------|-------|-------|----------------------|-------|-------|
| | H | W | D | Part No. | H | W |
| C3R644HCR | 6.00 | 4.00 | 4.00 | N1JP64 | 4.25 | 2.25 |
| C3R664HCR | 6.00 | 6.00 | 4.00 | N1JP66 | 4.25 | 4.25 |
| C3R864HCR | 8.00 | 6.00 | 4.00 | N1JP86 | 6.25 | 4.25 |
| C3R886HCR | 8.00 | 8.00 | 6.00 | N1JP88 | 6.25 | 6.25 |
| C3R1086HCR | 10.00 | 8.00 | 6.00 | N1JP108 | 8.25 | 6.25 |
| C3R12106HCR | 12.00 | 10.00 | 6.00 | N1JP1210 | 10.25 | 8.25 |
| C3R12126HCR | 12.00 | 12.00 | 6.00 | N1JP1212 | 10.25 | 10.25 |
| C3R121210HCR | 12.00 | 12.00 | 10.00 | N1JP1212 | 10.25 | 10.25 |

Type 3R Aluminum Junction Box *C3RESCNKAL Series*

Screw Cover and without Knockouts



Quick Link: hammfg.com/C3RESCNKAL

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with:
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed from 0.08" Type 5052 H-32 aluminum
- Drip-shield top and seam-free sides, front and back.
- Slip-on removable cover fastened with plated steel screws.
- External mounting feet.
- Oil resistant gaskets are permanently secured.
- A bonding stud is provided on the door and a grounding stud is provided in the box..

Finish

- Enclosure and cover are finished in natural unfinished aluminum.

| Part No. | Enclosure | | |
|-----------------|-----------|-------|------|
| | H | W | D |
| C3R664ESCNKAL | 6.00 | 6.00 | 4.00 |
| C3R884ESCNKAL | 8.00 | 8.00 | 4.00 |
| C3R886ESCNKAL | 8.00 | 8.00 | 6.00 |
| C3R10104ESCNKAL | 10.00 | 10.00 | 4.00 |
| C3R10106ESCNKAL | 10.00 | 10.00 | 6.00 |
| C3R12124ESCNKAL | 12.00 | 12.00 | 4.00 |
| C3R12126ESCNKAL | 12.00 | 12.00 | 6.00 |

Type 1 Mild Steel Splitter Box *CSB Series*

Hinged Door with Screw



Quick Link: hammfg.com/CSB

Application

- The splitter boxes are designed for indoor distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Type 1
- Complies with
 - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Factory installed splitter blocks - 3 or 4 wire option. Empty box without splitter blocks also offered.
- Series of knockouts on each side.
- Padlocking hasp.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Splitter Blocks...*See Page 216*
- Grounding Kits...*See Page 216*

| 3 Wire Part No. | 4 Wire Part No. | Less Blocks Part No. | CU/AL Amps | H | Enclosure W D | |
|--------------------|--------------------|-------------------------|---------------|-------|------------------|------|
| CSB73 | CSB74 | CSB70 | 70/70 | 12.00 | 10.00 | 4.00 |
| CSB103 | CSB104 | CSB100 | 125/120 | 15.00 | 10.00 | 4.00 |
| CSB203 | CSB204 | CSB200 | 225/225 | 18.00 | 12.00 | 5.00 |
| CSB403 | CSB404 | CSB400 | 400/340 | 24.00 | 17.00 | 6.00 |
| CSB603* | CSB604* | CSB600* | 600/574 | 30.00 | 24.00 | 7.00 |

* 14 gauge steel

Commercial Enclosures Splitter Boxes

Type 4/3R Mild Steel Splitter Box *CN4SB Series*

Hinge Door with Quarter Turn



Quick Link: hammfg.com/CN4SB

Application

- The splitter boxes are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Type 3R, 12, 4
- Complies with
 - IEC 60529, IP66

Construction

- Formed 16 gauge steel (14 gauge on 30x24)
- Factory installed splitter blocks.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Inner panel is included.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Quarter Turn Inserts and Keys...*See Page 273*
- Mounting Foot Kit...*See Page 277*
- Rear Hole Plugs...*See Page 277*
- Replacement Hinge Pins...*See Page 274*
- Quarter Turn Assemblies...*See Page 273*
- Padlock Adaptor...*See Page 272*
- Splitter Blocks...*See Page 216*
- Grounding Kits...*See Page 216*
- Ventilation...*See Page 259*

| 3 Wire Part No. | 4 Wire Part No. | CU/AL Amps | H | Enclosure W | D | Optional Grounding Kit |
|--------------------|--------------------|---------------|-------|----------------|------|---------------------------|
| CN4SB73 | CN4SB74 | 70/70 | 12.00 | 10.00 | 5.00 | CGK125 |
| CN4SB103 | CN4SB104 | 125/120 | 15.00 | 10.00 | 5.00 | CGK125 |
| CN4SB203 | CN4SB204 | 225/225 | 18.00 | 12.00 | 5.00 | CGK225 |
| CN4SB403 | CN4SB404 | 400/340 | 24.00 | 17.00 | 6.00 | CGK400 |
| CN4SB603* | CN4SB604* | 600/574 | 30.00 | 24.00 | 7.00 | CGK600 |

* 14 gauge steel

Splitter Blocks

Application

- These blocks are used in Hammond standard splitter troughs and boxes.
- The design includes the main and branch lugs which can use either copper or aluminum conductors.
- All blocks are rated 600 V.



Construction

- Cu-Al monopiece connectors are secured to insulators.
- Each block includes a main lug and branch lugs.

Finish

- N/A

| Part No. | Main Lug Ampacity | Max./Min. Wire Capacity | Branch Lugs Ampacity | Max./Min. Wire Capacity |
|----------|-------------------|--------------------------------------|----------------------|-------------------------|
| CSBL125B | 125 | 1/0 - 14 | 3/70 | 3 x (2-14) |
| CSBL125T | 125 | 1/0 - 14 | 6/70 | 6 x (2-14) |
| CSBL225 | 225 | 300MCM - 6 | 6/125 | 6 x (2/0-14) |
| CSBL400 | 400 | 600MCM - 4 or (2x) 250 MCM - 1/0 | 6/200 | 6 x (3/0-14) |
| CSBL600 | 600 | (2x) 600MCM - 4 or (4x) 250MCM - 1/0 | 6/200 | 6 x (3/0-14) |

Commercial Enclosures

Splitter Boxes

Grounding Kits

Application

- Designed for use with aluminum and copper conductors.

Standards

- CSA Certified

Construction

- Lugs are constructed from high strength, high conductive aluminum alloy 6061-T6, rated at 90°C.
- Kits are supplied with all necessary mounting hardware.

Finish

- N/A



| Part No. | Application | Number of Circuits and Wire Sizes |
|----------|---|--|
| CGK125 | Splitter Box 70 A, 125 A | 4 x (2-14 CU-AL) |
| CGK225 | Splitter Box 225 A/Trough 70 A, 125A, 225 A | 7 x (2-14 CU-AL) |
| CGK400 | Splitter Box/Trough 400 A | 7 x (2-14 CU-AL) & 1 x (1/0-14 CU-AL) |
| CGK600 | Splitter Box/Trough 600 A | 7 x (2-14 CU-AL) & 1 x (300 MCM - 6 CU-AL) |
| CGK | Junction/Pull Box | 3 x (4-14 CU-AL) |

Type 1 Mild Steel Splitter Trough *CST Series*

Hinged Door with Screw



Application

- The splitter troughs are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Certified
- Complies with
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 gauge steel. When width is 8" or more, 14 gauge.
- Factory installed splitter blocks.
- Series of knockouts on each side.
- Padlocking hasp.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.

Accessories

- Splitter Blocks...*See Page 216*
- Grounding Kits...*See Page 216*

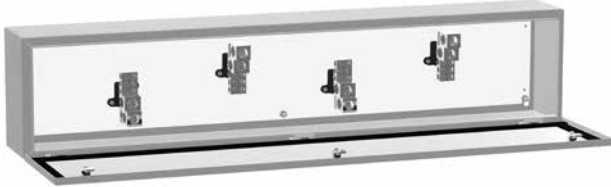
Quick Link: hammfg.com/CST

| 3 Wire | | 4 Wire | | Less Blocks Part No. | CU/AL Amps | Dimensions | | |
|----------|----------|----------|---------|-------------------------|---------------|------------|------|--|
| Part No. | Part No. | Part No. | H | | | W | D | |
| CST273 | CST274 | - | 70/70 | | 24.00 | 6.00 | 4.00 | |
| CST373 | CST374 | - | 70/70 | | 36.00 | 6.00 | 4.00 | |
| CST473 | CST474 | - | 70/70 | | 48.00 | 6.00 | 4.00 | |
| CST2103 | CST2104 | CST2100 | 125/120 | | 24.00 | 6.00 | 4.00 | |
| CST3103 | CST3104 | CST3100 | 125/120 | | 36.00 | 6.00 | 4.00 | |
| CST4103 | CST4104 | CST4100 | 125/120 | | 48.00 | 6.00 | 4.00 | |
| CST6103* | CST6104* | CST6100* | 125/120 | | 72.00 | 8.00 | 5.00 | |
| CST2203* | - | CST2200* | 225/225 | | 24.00 | 8.00 | 5.00 | |
| CST3203* | CST3204* | CST3200* | 225/225 | | 36.00 | 8.00 | 5.00 | |
| CST4203* | CST4204* | CST4200* | 225/225 | | 48.00 | 8.00 | 5.00 | |
| CST5203* | CST5204* | CST5200* | 225/225 | | 60.00 | 8.00 | 5.00 | |
| CST6203* | CST6204* | - | 225/225 | | 72.00 | 8.00 | 5.00 | |
| CST3403* | - | CST3400* | 400/340 | | 36.00 | 10.00 | 6.00 | |
| CST4403* | CST4404* | CST4400* | 400/340 | | 48.00 | 10.00 | 6.00 | |
| CST5403* | CST5404* | CST5400* | 400/340 | | 60.00 | 10.00 | 6.00 | |
| CST6403* | CST6404* | CST6400* | 400/340 | | 72.00 | 10.00 | 6.00 | |
| CST4603* | CST4604* | - | 600/574 | | 48.00 | 10.00 | 6.00 | |
| CST5603* | CST5604* | - | 600/574 | | 60.00 | 10.00 | 6.00 | |
| CST6603* | CST6604* | - | 600/574 | | 72.00 | 10.00 | 6.00 | |

* 14 gauge steel

Type 4/3R Mild Steel Splitter Trough *CN4ST Series*

Hinge Door with Quarter Turn



Quick Link: hammfg.com/CN4ST

Application

- The splitter troughs are designed for distribution of up to 600 A (max) service using either 3 or 4 wires.

Standards

- CSA Certified Type 3R, 12, 4
- Complies with
 - IEC 60529, IP66

Construction

- Formed and spot welded from 16 gauge steel. When width is 8" or more, 14 gauge.
- Factory installed splitter blocks.
- Smooth, continuously welded seams ground smooth.

- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Seamless poured-in place gasket.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Inner panel is included.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Quarter Turn Inserts and Keys...*See Page 273*
- Mounting Foot Kit...*See Page 277*
- Rear Hole Plugs...*See Page 277*
- Replacement Hinge Pins...*See Page 274*
- Quarter Turn Assemblies...*See Page 273*
- Padlock Adaptor...*See Page 272*
- Splitter Blocks...*See Page 216*
- Grounding Kits...*See Page 216*

| 3 Wire Part No. | 4 Wire Part No. | CU/AL Amps | H | Enclosure | | | Optional Grounding Kit |
|--------------------|--------------------|---------------|-------|-----------|------|--------|---------------------------|
| | | | | W | D | | |
| CN4ST273 | CN4ST274 | 70/70 | 24.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST373 | CN4ST374 | 70/70 | 36.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST473 | CN4ST474 | 70/70 | 48.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST2103 | CN4ST2104 | 125/120 | 24.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST3103 | CN4ST3104 | 125/120 | 36.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST4103 | CN4ST4104 | 125/120 | 48.00 | 6.00 | 5.00 | CGK225 | |
| CN4ST6103 | CN4ST6104 | 125/120 | 72.00 | 8.00 | 6.00 | CGK225 | |
| CN4ST2203 | - | 225/225 | 24.00 | 8.00 | 5.00 | CGK225 | |
| CN4ST3203 | CN4ST3204 | 225/225 | 36.00 | 8.00 | 6.00 | CGK225 | |
| CN4ST4203 | CN4ST4204 | 225/225 | 48.00 | 8.00 | 6.00 | CGK225 | |
| CN4ST5203 | CN4ST5204 | 225/225 | 60.00 | 8.00 | 6.00 | CGK225 | |
| CN4ST6203 | CN4ST6204 | 225/225 | 72.00 | 8.00 | 6.00 | CGK225 | |
| CN4ST3403 | - | 400/340 | 36.00 | 10.00 | 6.00 | CGK400 | |
| CN4ST4403 | CN4ST4404 | 400/340 | 48.00 | 10.00 | 6.00 | CGK400 | |
| CN4ST5403 | CN4ST5404 | 400/340 | 60.00 | 10.00 | 6.00 | CGK400 | |
| CN4ST6403 | CN4ST6404 | 400/340 | 72.00 | 10.00 | 6.00 | CGK400 | |
| CN4ST4603 | CN4ST4604 | 600/574 | 48.00 | 10.00 | 6.00 | CGK600 | |
| CN4ST5603 | CN4ST5604 | 600/574 | 60.00 | 10.00 | 6.00 | CGK600 | |
| CN4ST6603 | CN4ST6604 | 600/574 | 72.00 | 10.00 | 6.00 | CGK600 | |

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Mild Steel Metering Cabinets *CMC Series*

Hinge Door with Quarter Turn



Quick Link: hammfg.com/CMC

Application

- Designed for indoor housing of metering transformers.

Standards

- CSA Type 1
- Complies with
 - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Spot welded construction and formed edges.
- Removable inner panel.
- Single and Double Door versions
- Hinged covers - single door with hasp closure, double door with hasp and quarter turn closure.
- 2 cutouts in top of each cabinet with metering plates included (except 27x13x10")

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in white powder coating

| Part No. | Type of Door | Enclosure | | | Inner Panel | |
|------------|--------------|-----------|-------|-------|-------------|-------|
| | | H | W | D | H | W |
| CMC202010 | Single | 20.00 | 20.00 | 10.00 | 16.00 | 16.00 |
| CMC271310* | Single | 27.00 | 13.00 | 10.00 | 23.00 | 9.00 |
| CMC302010 | Single | 30.00 | 20.00 | 10.00 | 26.00 | 16.00 |
| CMC303010 | Double | 30.00 | 30.00 | 10.00 | 26.00 | 26.00 |
| CMC363612 | Double | 36.00 | 36.00 | 12.00 | 32.00 | 32.00 |
| CMC484812 | Double | 48.00 | 48.00 | 12.00 | 44.00 | 44.00 |

* No cutouts in top or metering plates

Type 1 Mild Steel Metering Cabinets (Hydro Quebec Version) *CMC Q Series*

Hinge Door with Quarter Turn

Commercial Enclosures Metering Cabinets


 Quick Link: hammfg.com/CMCQ

Application

- Designed for indoor housing of metering transformers per Hydro Quebec specifications.

Standards

- CSA Type 1
- Complies with
 - IEC 60529, IP20

Construction

- Formed and spot welded from 14 or 16 gauge steel.
- Spot welded construction and formed edges.
- Removable inner panels.
- Hinged covers.
- 2 cutouts in top of each cabinet with metering plates included.

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in ANSI 61 gray powder coating.

Enclosure

| Part No. | H | W | D | Gauge |
|------------|-------|-------|-------|-------|
| CMCQ303010 | 30.00 | 30.00 | 10.00 | 16 |
| CMCQ363612 | 36.00 | 36.00 | 12.00 | 14 |
| CMCQ484812 | 48.00 | 48.00 | 12.00 | 14 |

Panels

| Part No. | Description | H | W |
|----------|---------------------------------|-------|-------|
| CMCQP1 | Accessory Plate | 24.68 | 7.00 |
| CMCQP2 | Universal Support Current Panel | 12.76 | 13.39 |
| CMCQP3 | Universal Support Voltage Panel | 25.59 | 15.01 |

Panel Selection Guide

| Part No. | Panel supplied with enclosure | | | Panel capacity per enclosure | | |
|------------|-------------------------------|--------|--------|------------------------------|--------|--------|
| | CMCQP1 | CMCQP2 | CMCQP3 | CMCQP1 | CMCQP2 | CMCQP3 |
| CMCQ303010 | 1 | 1 | 1 | 1 | 1 | 1 |
| CMCQ363612 | 1 | 1 | 1 | 2 | 1 | 1 |
| CMCQ484812 | 1 | 1 | 1 | 2 | 2 | 1 |

 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Mild Steel Metering Cabinets (Ontario Hydro Version) *CMC O Series*

Hinge Door with Handle and Viewing Window



Quick Link: hammfg.com/CMCO

Application

- Designed for certain specific Ontario metering applications.

Standards

- N/A

Construction

- Spot welded 16 gauge steel construction.
- Heavy duty padlockable "L" handle.
- Viewing window with removable cover plate.
- Pre-mounted ground lug.
- Inner panel with pre-drilled holes and mounting bracket.
- Oil resistant gasket.

Finish

- Enclosure and cover are finished in ANSI 61 gray inside and out.
- Inner panel is finished in ANSI 61 gray powder coating.

| Part No. | Enclosure | | | Inner Panel | |
|------------|-----------|----|----|-------------|-------|
| | H | W | D | H | W |
| CMCO241610 | 24 | 16 | 10 | 20.5 | 14.75 |

Type 3R Mild Steel Metering Cabinets *C3RMC Series*

Hinge Door with Handle

Commercial Enclosures Metering Cabinets



Quick Link: hammfg.com/C3RMC

Application

- Designed for outdoor housing of metering transformers.

Standards

- CSA Approved, Type 3R
- Complies with
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Offered in single and double door versions.
- Formed and seam welded from 14 or 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Padlockable “L” style handle for 3 point latch system
- Oil resistant gaskets are permanently secured.
- Removable inner panel included.
- Collar studs provided for mounting inner panel.
- Doors may be easily removed for modifications and are interchangeable.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.

Finish

- Cover and enclosure are phosphatized and finished with a recoatable ANSI 61 smooth Gray powder inside and out.
- Removable inner panel is finished in white powder coating.

Accessories

- Door Stop Kit...*See Page 304*
- Drip Shield Kit...*See Page 303*
- Mounting Foot Kit...*See Page 277*
- Ventilation...*See Page 259*

| Part No. | Type of Door | Enclosure | | | Inner Panel | |
|--------------------|--------------|-----------|-------|-------|-------------|-------|
| | | H | W | D | H | W |
| C3RMC202010 | Single | 20.00 | 20.00 | 10.00 | 18.17 | 18.17 |
| C3RMC271310 | Single | 27.00 | 13.00 | 10.00 | 25.17 | 11.17 |
| C3RMC302010 | Single | 30.00 | 20.00 | 10.00 | 28.17 | 18.17 |
| C3RMC303010 | Double | 30.00 | 30.00 | 10.00 | 28.17 | 28.17 |
| C3RMC363612 | Double | 36.00 | 36.00 | 12.00 | 34.17 | 34.17 |
| C3RMC484812 | Double | 48.00 | 48.00 | 12.00 | 46.17 | 46.17 |

Type 3R Current Transformer Cabinet *HCT Series*

Single and Double Door Enclosures



Quick Link: hammfg.com/HCT

Application

- Designed for use as Current Transformer Cabinet to house and protect instrument current transformers in outdoor applications.
- Can also be used as a general purpose enclosure for various junction, meter, transformer and relay applications..
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL 50 Type 3R
- Complies with
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Body and covers formed from 14 gauge galvanized steel (12 gauge for units 30" and wider)
- Mounting studs for optional inner panels
- Integral drip shield top and seam free sides
- Mounting holes provided through back of enclosure
- Permanently installed lift off hinges
- Removable doors
- Single door design with hasp/screw closure. Double door design with handle.
- Padlocking provisions provided
- ANSI 61 Gray Polyester Powder finish inside and outside

Finish

- Cover and enclosure are phosphatized and finished with a recoatable ANSI 61 smooth Gray powder inside and out.

Accessories

- Additional Inner Panels...*See Page 281*
- Perforated Inner Panels...*See Page 285*
- Door Stop Kit...*See Page 304*
- Ventilation...*See Page 259*

| Part No. | Type of | Enclosure | | | Optional Panel |
|------------|---------|-----------|-------|-------|----------------|
| | Door | H | W | D | Part No. |
| HCT302411H | Single | 30.00 | 24.00 | 11.00 | 18P2721 |
| HCT362011H | Single | 36.00 | 20.00 | 11.00 | 18P3317 |
| HCT363011H | Single | 36.00 | 30.00 | 11.00 | 18P3327 |
| HCT363611H | Single | 36.00 | 36.00 | 11.00 | 18P3333 |
| HCT482411H | Single | 48.00 | 24.00 | 11.00 | 18P4521 |
| HCT483011H | Single | 48.00 | 30.00 | 11.00 | 18P4527 |
| HCT483611H | Single | 48.00 | 36.00 | 11.00 | 18P4533 |
| HCT484814H | Double | 48.00 | 48.00 | 14.00 | 18P4545 |

Type 1 Mild Steel Small Wallmount Enclosure *N1J Series*

Hinge Door with Quarter Turn

Commercial Enclosures Panel Enclosures


 Quick Link: hammfg.com/N1J

Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

Standards

- UL-50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Formed and spot welded from 16 gauge steel.
- Formed steel covers close by use of slotted quarter turn latch.
- Full swing door using butt hinges.
- Through holes in back for wall mounting.
- Bonding stud is provided on the door and a grounding stud is provided on the box.
- Includes 14 gauge steel inner panel.

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating

Accessories

- Additional Inner Panels...*See Page 284*
- Perforated Inner Panels...*See Page 287*
- Type 1 Lock Kit...*See Page 270*

| Part No. | Enclosure | | | Inner Panel | |
|----------|-----------|-------|------|-------------|-------|
| | H | W | D | H | W |
| N1J664 | 6.00 | 6.00 | 4.00 | 4.25 | 4.25 |
| N1J864 | 8.00 | 6.00 | 4.00 | 6.25 | 4.25 |
| N1J884 | 8.00 | 8.00 | 4.00 | 6.25 | 6.25 |
| N1J1084 | 10.00 | 8.00 | 4.00 | 8.25 | 6.25 |
| N1J10104 | 10.00 | 10.00 | 4.00 | 8.25 | 8.25 |
| N1J12104 | 12.00 | 10.00 | 4.00 | 10.25 | 8.25 |
| N1J12124 | 12.00 | 12.00 | 4.00 | 10.25 | 10.25 |
| N1J14124 | 14.00 | 12.00 | 4.00 | 12.25 | 10.25 |
| N1J886 | 8.00 | 8.00 | 6.00 | 6.25 | 6.25 |
| N1J1086 | 10.00 | 8.00 | 6.00 | 8.25 | 6.25 |
| N1J10106 | 10.00 | 10.00 | 6.00 | 8.25 | 8.25 |
| N1J12106 | 12.00 | 10.00 | 6.00 | 10.25 | 8.25 |
| N1J12126 | 12.00 | 12.00 | 6.00 | 10.25 | 10.25 |
| N1J14126 | 14.00 | 12.00 | 6.00 | 12.25 | 10.25 |
| N1J16126 | 16.00 | 12.00 | 6.00 | 14.25 | 10.25 |
| N1J20126 | 20.00 | 12.00 | 6.00 | 18.25 | 10.25 |
| N1J12128 | 12.00 | 12.00 | 8.00 | 10.25 | 10.25 |
| N1J14128 | 14.00 | 12.00 | 8.00 | 12.25 | 10.25 |

Type 1 Mild Steel Wallmount Enclosure *N1A Series*

Hinge Door with Quarter Turn



Quick Link: hammfg.com/N1A

Application

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs.
- Removable door is mounted on slip hinges.
- Door is fastened with a slotted quarter turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Mounting holes are provided in the rear of the enclosure.
- Piano hinge on 12 gauge units.

Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page 285*
- Perforated Inner Panels...*See Page 287*
- Type 1 Lock Kit...*See Page 270*
- Ventilation...*See Page 259*
- Window Kits...*See Page 294*
- Padlock Adaptor...*See Page 272*

| Part No. | Enclosure | | | Inner Panel | |
|------------------------|-----------|-------|-------|-------------|-------|
| | H | W | D | H | W |
| N1A16127 | 16.00 | 12.00 | 7.00 | 13.00 | 10.50 |
| N1A16167 | 16.00 | 16.00 | 7.00 | 13.00 | 14.50 |
| N1A16207 | 16.00 | 20.00 | 7.00 | 13.00 | 18.50 |
| N1A20167 | 20.00 | 16.00 | 7.00 | 17.00 | 14.50 |
| N1A20207 | 20.00 | 20.00 | 7.00 | 17.00 | 18.50 |
| N1A24167 | 24.00 | 16.00 | 7.00 | 21.00 | 14.50 |
| N1A24207 | 24.00 | 20.00 | 7.00 | 21.00 | 18.50 |
| N1A24247 | 24.00 | 24.00 | 7.00 | 21.00 | 22.50 |
| N1A30207 | 30.00 | 20.00 | 7.00 | 26.00 | 18.50 |
| N1A30247 | 30.00 | 24.00 | 7.00 | 26.00 | 22.50 |
| N1A36247 | 36.00 | 24.00 | 7.00 | 32.00 | 22.50 |
| N1A36307 | 36.00 | 30.00 | 7.00 | 32.00 | 28.50 |
| N1A16129 | 16.00 | 12.00 | 9.00 | 13.00 | 10.50 |
| N1A20169 | 20.00 | 16.00 | 9.00 | 17.00 | 14.50 |
| N1A20209 | 20.00 | 20.00 | 9.00 | 17.00 | 18.50 |
| N1A20249 | 20.00 | 24.00 | 9.00 | 17.00 | 22.50 |
| N1A24209 | 24.00 | 20.00 | 9.00 | 21.00 | 18.50 |
| N1A24249 | 24.00 | 24.00 | 9.00 | 21.00 | 22.50 |
| N1A30209 | 30.00 | 20.00 | 9.00 | 26.00 | 18.50 |
| N1A30249 | 30.00 | 24.00 | 9.00 | 26.00 | 22.50 |
| N1A30309 | 30.00 | 30.00 | 9.00 | 26.00 | 28.50 |
| N1A36249 | 36.00 | 24.00 | 9.00 | 32.00 | 22.50 |
| N1A36309 | 36.00 | 30.00 | 9.00 | 32.00 | 28.50 |
| N1A42249 | 42.00 | 24.00 | 9.00 | 38.00 | 22.50 |
| N1A242012 | 24.00 | 20.00 | 12.00 | 21.00 | 18.50 |
| N1A242412 | 24.00 | 24.00 | 12.00 | 21.00 | 22.50 |
| N1A302412 | 30.00 | 24.00 | 12.00 | 26.00 | 22.50 |
| N1A363012 | 36.00 | 30.00 | 12.00 | 32.00 | 28.50 |
| N1A423012 ¹ | 42.00 | 30.00 | 12.00 | 38.00 | 28.50 |
| N1A423612 ¹ | 42.00 | 36.00 | 12.00 | 38.00 | 34.50 |
| N1A483612 ¹ | 48.00 | 36.00 | 12.00 | 44.00 | 34.50 |

¹ 12 gauge construction

Commercial Enclosures Panel Enclosures

Type 1 Mild Steel Wallmount Enclosure *1420 Series*

Hinge Door with Quarter Turn and w/ Mounting Flange

 Commercial Enclosures
Panel Enclosures

 Quick Link: hammfg.com/1420

Application

- Designed for indoor use to house controls, instruments and components which do not require oil-tight or dust-tight protection.

Standards

- UL 508A Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 gauge inner panel is mounted to the rear of the enclosure on collar studs.
- Removable door is attached with slip hinges.
- To remove door, a tool is required to remove the #8 screw which captivates hinge.
- Door is fastened with a slotted 1/4 turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Piano hinge on 12 gauge units.

Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional Inner Panels...*See Page 283*
- Type 1 Lock Kit...*See Page 270*
- Ventilation...*See Page 259*
- Window Kits...*See Page 294*
- Padlock Adaptor...*See Page 272*

| Part No. | Enclosure | | | Inner Panel | |
|----------------------|-----------|-------|-------|-------------|-------|
| | H | W | D | H | W |
| 1420B7 | 16.00 | 12.00 | 7.00 | 14.00 | 10.00 |
| 1420C7 | 20.00 | 16.00 | 7.00 | 18.00 | 14.00 |
| 1420D7 | 20.00 | 20.00 | 7.00 | 18.00 | 18.00 |
| 1420E7 | 24.00 | 20.00 | 7.00 | 22.00 | 18.00 |
| 1420F7 | 30.00 | 20.00 | 7.00 | 28.00 | 18.00 |
| 1420G7 | 30.00 | 24.00 | 7.00 | 28.00 | 22.00 |
| 1420H7 | 36.00 | 24.00 | 7.00 | 34.00 | 22.00 |
| 1420E9 | 24.00 | 20.00 | 9.00 | 22.00 | 18.00 |
| 1420EM9 | 24.00 | 24.00 | 9.00 | 22.00 | 22.00 |
| 1420G9 | 30.00 | 24.00 | 9.00 | 28.00 | 22.00 |
| 1420H9 | 36.00 | 24.00 | 9.00 | 34.00 | 22.00 |
| 1420P9 ¹ | 36.00 | 30.00 | 9.00 | 34.00 | 28.00 |
| 1420Q9 | 42.00 | 24.00 | 9.00 | 40.00 | 22.00 |
| 1420G12 | 30.00 | 24.00 | 12.00 | 28.00 | 22.00 |
| 1420P12 ¹ | 36.00 | 30.00 | 12.00 | 34.00 | 28.00 |
| 1420R12 ¹ | 42.00 | 30.00 | 12.00 | 40.00 | 28.00 |
| 1420S12 ¹ | 42.00 | 36.00 | 12.00 | 40.00 | 34.00 |
| 1420T12 ¹ | 48.00 | 36.00 | 12.00 | 46.00 | 34.00 |
| 1420G16 | 30.00 | 24.00 | 16.00 | 28.00 | 22.00 |
| 1420P16 ¹ | 36.00 | 30.00 | 16.00 | 34.00 | 28.00 |

¹ 12 gauge construction

 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Mild Steel 3 Piece Wallmount Enclosure *N1W S Series*

Hinge Door with Quarter Turn



Quick Link: hammfg.com/N1WS

Application

- Designed for indoor use to enclose controls, instruments, and components which do not require oil-tight or dust-tight protection.
- Ideal for applications where components may be easily mounted and wired prior to installation of wrapper and door.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Three piece assembly consisting of a base, wrapper, and door.
- Components are attached and secured with metal screws.
- 14 gauge reverse formed base acts as mounting surface (no separate inner panel) and provides clearance for mounting hardware.
- Wrapper is available in three depths: 4", 6", and 8".
- Wrapper is formed from 16 gauge steel, with no knock-outs in the sides.
- Door assembly formed from 16 gauge steel.
- Removable door is mounted on slip hinges.
- A bonding stud is provided on the door and a grounding screw is provided for the enclosure.
- Door is fastened with a slotted quarter turn latch.

Finish

- Base, wrapper and door are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page 270*
- Padlock Adaptor...*See Page 272*

| Part No. | Enclosure | | |
|-----------|-----------|-------|------|
| | H | W | D |
| N1WS864 | 8.00 | 6.00 | 4.00 |
| N1WS1084 | 10.00 | 8.00 | 4.00 |
| N1WS12104 | 12.00 | 10.00 | 4.00 |
| N1WS16124 | 16.00 | 12.00 | 4.00 |
| N1WS20164 | 20.00 | 16.00 | 4.00 |
| N1WS24204 | 24.00 | 20.00 | 4.00 |
| N1WS866 | 8.00 | 6.00 | 6.00 |
| N1WS1086 | 10.00 | 8.00 | 6.00 |
| N1WS12106 | 12.00 | 10.00 | 6.00 |
| N1WS16126 | 16.00 | 12.00 | 6.00 |
| N1WS20166 | 20.00 | 16.00 | 6.00 |
| N1WS24206 | 24.00 | 20.00 | 6.00 |
| N1WS868 | 8.00 | 6.00 | 8.00 |
| N1WS1088 | 10.00 | 8.00 | 8.00 |
| N1WS12108 | 12.00 | 10.00 | 8.00 |
| N1WS16128 | 16.00 | 12.00 | 8.00 |
| N1WS20168 | 20.00 | 16.00 | 8.00 |
| N1WS24208 | 24.00 | 20.00 | 8.00 |

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Mild Steel 3 Piece Flushmount Enclosure *N1W F Series*

Hinge Door with Quarter Turn

Commercial Enclosures Panel Enclosures


 Quick Link: hammfg.com/N1WF

Application

- Designed for indoor use to enclose controls, instruments, and components which do not require oil-tight or dust-tight protection.
- Ideal for applications where components may be easily mounted and wired prior to installation of wrapper and door.

Standards

- UL 50 Type 1
- CSA Type 1
- Complies with
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Three piece assembly consisting of a base, wrapper, and door.
- Components are attached and secured with metal screws.
- 14 gauge reverse formed base acts as mounting surface (no separate inner panel) and provides clearance for mounting hardware.
- Punched for left or right hinging of the door and ease of assembly.
- Wrapper is formed from 16 gauge steel, with no knock-outs in the sides.
- Flush mounting door assembly formed from 16 gauge steel.
- Door is fastened with a slotted quarter turn latch.
- A bonding stud is provided on the door and a grounding screw is provided for the enclosure.

Finish

- Base, wrapper and door are finished in ANSI 61 gray powder coating.

Accessories

- Type 1 Lock Kit...*See Page 270*
- Padlock Adaptor...*See Page 272*

| Part No. | Enclosure | | |
|-----------|-----------|-------|------|
| | H | W | D |
| N1WF864 | 8.00 | 6.00 | 4.00 |
| N1WF1084 | 10.00 | 8.00 | 4.00 |
| N1WF12104 | 12.00 | 10.00 | 4.00 |
| N1WF16124 | 16.00 | 12.00 | 4.00 |
| N1WF20164 | 20.00 | 16.00 | 4.00 |
| N1WF24204 | 24.00 | 20.00 | 4.00 |

 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 3R Painted Galvanized Steel Wallmount Enclosure *C3R HCRMD Series*

Continuous Hinge Door with Screws



Quick Link: hammfg.com/C3RHCRMD

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
 - Complies with
 - NEMA Type 3R
 - IEC 60529, IP24

Construction

- Formed and spot welded from 16 or 14 gauge galvanized steel.
- Drip shield top and seam-free sides, front and back.
- Stainless steel continuous hinge.
- Cover fastened with captive plated screws.
- Padlocking hasp.
- Collar studs provided for mounting optional panels.
- External mounting feet.
- Oil resistant gaskets are permanently secured.

Finish

- Enclosure and cover are finished inside and out in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page 281*
- Ventilation...*See Page 259*
- Swing Panel Kit...*See Page 288*

| Part No. | Enclosure | | | Optional Inner Panel | | |
|---------------------|-----------|-------|-------|----------------------|-------|-------|
| | H | W | D | Part Number | H | W |
| C3R16126HCR | 16.00 | 12.00 | 6.00 | 18P1309 | 13.00 | 9.00 |
| C3R16166HCR | 16.00 | 16.00 | 6.00 | 18P1313 | 13.00 | 13.00 |
| C3R18186HCR | 18.00 | 18.00 | 6.00 | 18P1515 | 15.00 | 15.00 |
| C3R20166HCR | 20.00 | 16.00 | 6.00 | 18P1713 | 17.00 | 13.00 |
| C3R20208HCR | 20.00 | 20.00 | 8.00 | 18P1717 | 17.00 | 17.00 |
| C3R24208HCR | 24.00 | 20.00 | 8.00 | 18P2117 | 21.00 | 17.00 |
| C3R24248HCR | 24.00 | 24.00 | 8.00 | 18P2121 | 21.00 | 21.00 |
| C3R30248HCR | 30.00 | 24.00 | 8.00 | 18P2721 | 27.00 | 21.00 |
| C3R30308HCR | 30.00 | 30.00 | 8.00 | 18P2727 | 27.00 | 27.00 |
| C3R181810HCR | 18.00 | 18.00 | 10.00 | 18P1515 | 15.00 | 15.00 |
| C3R242410HCR | 24.00 | 24.00 | 10.00 | 18P2121 | 21.00 | 21.00 |
| C3R302410HCR | 30.00 | 24.00 | 10.00 | 18P2721 | 27.00 | 21.00 |
| C3R363610HCR | 36.00 | 36.00 | 10.00 | 18P3333 | 33.00 | 33.00 |
| C3R303012HCR | 30.00 | 30.00 | 12.00 | 18P2727 | 27.00 | 27.00 |
| C3R362412HCR | 36.00 | 24.00 | 12.00 | 18P3321 | 33.00 | 21.00 |
| C3R363012HCR | 36.00 | 30.00 | 12.00 | 18P3327 | 33.00 | 27.00 |
| C3R423012HCR | 42.00 | 30.00 | 12.00 | 18P3927 | 39.00 | 27.00 |
| C3R363612HCR | 36.00 | 36.00 | 12.00 | 18P3333 | 33.00 | 33.00 |
| C3R423612HCR | 42.00 | 36.00 | 12.00 | 18P3933 | 39.00 | 33.00 |
| C3R483612HCR | 48.00 | 36.00 | 12.00 | 18P4533 | 45.00 | 33.00 |
| C3R603612HCR | 60.00 | 36.00 | 12.00 | 18P5733 | 57.00 | 33.00 |
| C3R303016HCR | 30.00 | 30.00 | 16.00 | 18P2727 | 27.00 | 27.00 |
| C3R483616HCR | 48.00 | 36.00 | 16.00 | 18P4533 | 45.00 | 33.00 |

Commercial Enclosures Panel Enclosures

Type 3R Painted Galvanized Steel Enclosure *C3R HCLO Series*

Lift-Off Hinge Door with Snap Latch

Commercial Enclosures

Panel Enclosures



Construction

- Formed and spot welded from 16 gauge galvanized steel (14 gauge when 24" wide)
- Extended height door and seam-free sides, front and back.
- Galvanized steel lift-off hinges with stainless steel pins.
- Cover fastened securely with zinc plated draw pull catches.
- Provisions for padlocking on zinc-plated draw pull catch.
- Embossed mounting holes on back.
- Seamless poured-in place gasket

Finish

- Enclosure and cover are finished in ANSI 61 gray powder coating.

Accessories

- Additional Inner Panels...*See Page 280*
- Additional Inner Panels...*See Page 281*
- Swing Panel Kit...*See Page 288*

Quick Link: hammfg.com/C3RHCL0

Application

- Designed for use as a wiring/junction box.
- Provides protection against rain, sleet, snow and dripping water.

Standards

- UL-50 Type 3R
- CSA Type 3R
- Complies with
 - NEMA Type 3R
 - IEC 60529, IP24

| Part No. | Enclosure | | | Optional Inner Panel | | | Optional Panel | Optional Mount |
|--------------|-----------|-------|------|----------------------|-------|-------|----------------|----------------|
| | H | W | D | Part No. | H | W | Mounting Kit | Foot Kit |
| C3R864HCLO | 8.00 | 6.00 | 4.00 | 14R0505 | 4.88 | 4.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R886HCLO | 8.00 | 8.00 | 6.00 | 14R0705 | 6.75 | 4.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R1086HCLO | 10.00 | 8.00 | 6.00 | 14R0707 | 6.75 | 6.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R12106HCLO | 12.00 | 10.00 | 6.00 | 14R0909 | 8.75 | 8.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R12126HCLO | 12.00 | 12.00 | 6.00 | 14R1109 | 10.75 | 8.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R16126HCLO | 16.00 | 12.00 | 6.00 | 14R1311 | 12.75 | 10.88 | C3RHCL0PK1 | C3RHCL0MFK1 |
| C3R16166HCLO | 16.00 | 16.00 | 6.00 | 18P1313 | 13.00 | 13.00 | C3RHCL0PK2 | C3RHCL0MFK2 |
| C3R20166HCLO | 20.00 | 16.00 | 6.00 | 18P1713 | 17.00 | 13.00 | C3RHCL0PK2 | C3RHCL0MFK2 |
| C3R20208HCLO | 20.00 | 20.00 | 8.00 | 18P1717 | 17.00 | 17.00 | C3RHCL0PK2 | C3RHCL0MFK2 |
| C3R24208HCLO | 24.00 | 20.00 | 8.00 | 18P2117 | 21.00 | 17.00 | C3RHCL0PK2 | C3RHCL0MFK2 |
| C3R24248HCLO | 24.00 | 24.00 | 8.00 | 18P2121 | 21.00 | 21.00 | C3RHCL0PK2 | C3RHCL0MFK2 |
| C3R30248HCLO | 30.00 | 24.00 | 8.00 | 18P2721 | 27.00 | 21.00 | C3RHCL0PK2 | C3RHCL0MFK2 |

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Type 1 Mild Steel Component Case *1416 Series*

Ventilated Cover with Screws



Quick Link: hammfg.com/1416

Application

- Designed to provide mechanical protection for components requiring ventilation.
- Suitable for use where heat dissipation is required.

Standards

- Complies with
 - NEMA Type 1

Construction

- Base is formed from 16 gauge steel with two 0.5"/0.75" conduit knockouts located in each end.
- Four .125" high raised dimples with mounting holes are provided on the base.
- Cover is formed from 18 gauge steel with 0.235" x 1.5" ventilating slots (0.199" x 1.12" on E & G only).
- Screw holes and offsets in the cover allow easy assembly.

Finish

- Base and cover are finished in ANSI 61 gray powder coating.

| Part No. | Enclosure | | |
|--------------|-----------|-------|-------|
| | H | W | D |
| 1416E | 6.00 | 4.00 | 4.00 |
| 1416G | 10.00 | 4.00 | 4.00 |
| 1416I | 10.00 | 6.00 | 6.00 |
| 1416K | 11.00 | 7.00 | 7.00 |
| 1416M | 12.00 | 8.00 | 8.00 |
| 1416O | 15.00 | 10.00 | 8.00 |
| 1416Q | 20.00 | 10.00 | 8.00 |
| 1416T | 20.00 | 10.00 | 10.00 |

Vented Cases

Commercial Enclosures