

Type 12/13 Panel Enclosures

Wall-Mount Enclosures

Type 12 Single-Door

Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508 listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- NEMA terminal strap kit
- Terminal blocks
- Type 12 door handle kit
- Floor stand kit
- Touch-up paint
- See Accessories section

Construction

- Enclosure and door are fabricated from code gauge steel, (see tables, pages 106 & 107)
- All continuous welded seams are finished smooth
- Doors are secured to the body with a heavy-duty continuous hinge on one side and easy-to-release door clamps mounted to the opposite side
- Each door has a padlock hasp with sealing hole provision
- Print pocket provided
- Door has a seamless poured in-place gasket
- Ground stud provided on door
- Formed lip around enclosure opening diverts liquids and contaminants
- .375-16 collar studs are provided for mounting optional panel
- External mounting feet are provided for secure wall mounting

Discount Schedule: C2

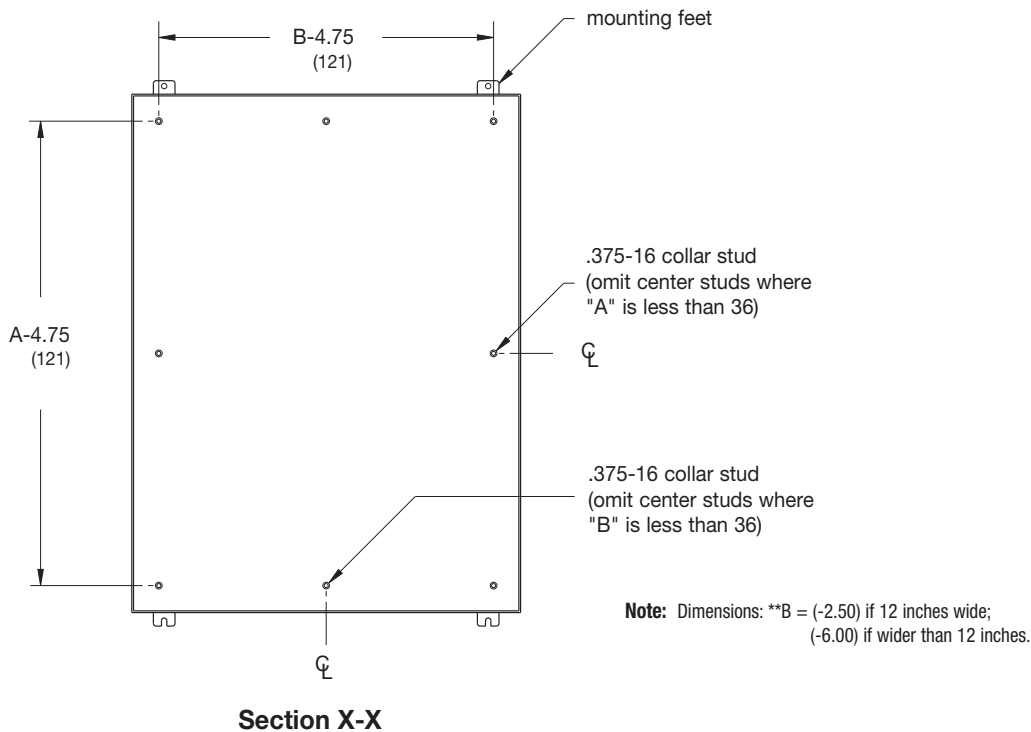
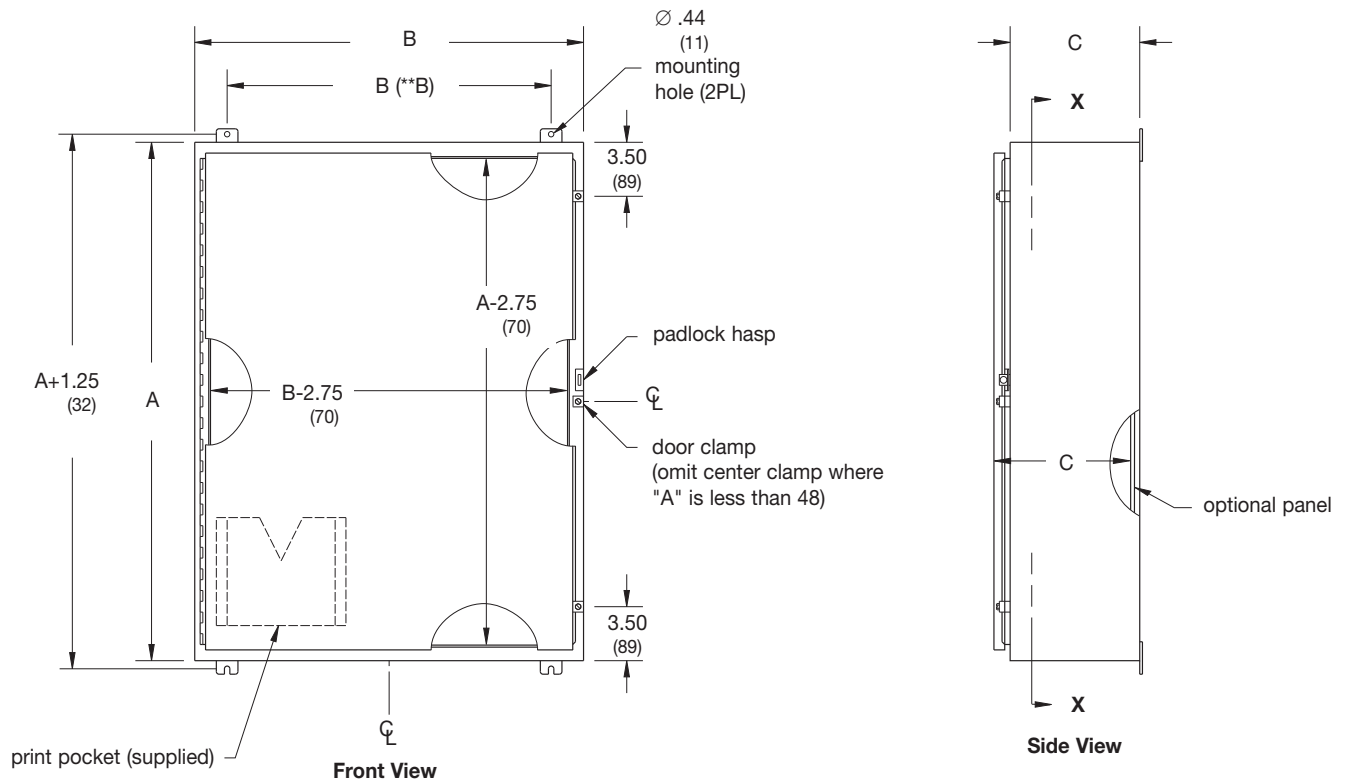
Subclass: DH0

Notes: Cooper B-Line can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Type 12 / 13 Panel Enclosures

Wall-Mount Enclosures Type 12 Single-Door Illustration Sheet

See pages 106 & 107 for dimensions



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12/13 Panel Enclosures

Wall-Mount Enclosures Type 12 Single-Door Catalog Number

Type 12/13 Panel Encl.

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Gauge	Panel Catalog Number		Panel Size Height x Width	
	in.	mm		Painted	Conductive	in.	mm
12246-12	12.00 x 24.00 x 6.00	305 x 610 x 152	16	AW2412P	--	9.00 x 21.00	229 x 533
16126-12	16.00 x 12.00 x 6.00	406 x 305 x 152	16	AW1612P	AW1612GP	13.00 x 9.00	330 x 229
16166-12	16.00 x 16.00 x 6.00	406 x 406 x 152	16	AW1616P	AW1616GP	13.00 x 13.00	330 x 330
16206-12	16.00 x 20.00 x 6.00	406 x 508 x 152	16	AW2016P	AW2016GP	13.00 x 17.00	330 x 432
20126-12	20.00 x 12.00 x 6.00	508 x 305 x 152	16	AW2012P	--	17.00 x 9.00	432 x 229
20166-12	20.00 x 16.00 x 6.00	508 x 406 x 152	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
20206-12	20.00 x 20.00 x 6.00	508 x 508 x 152	16	AW2020P	AW2020GP	17.00 x 17.00	432 x 432
20246-12	20.00 x 24.00 x 6.00	508 x 610 x 152	16	AW2420P	AW2420GP	16.87 x 20.87	428 x 530
24126-12	24.00 x 12.00 x 6.00	610 x 305 x 152	16	AW2412P	--	21.00 x 9.00	533 x 229
24166-12	24.00 x 16.00 x 6.00	610 x 406 x 152	16	AW2416P	AW2416GP	21.00 x 13.00	533 x 330
24206-12	24.00 x 20.00 x 6.00	610 x 508 x 152	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
24246-12	24.00 x 24.00 x 6.00	610 x 610 x 152	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
30166-12	30.00 x 16.00 x 6.00	762 x 406 x 152	16	AW3016P	AW3016GP	26.87 x 12.87	682 x 327
30206-12	30.00 x 20.00 x 6.00	762 x 508 x 152	14	AW3020P	AW3020GP	26.87 x 16.87	682 x 428
30246-12	30.00 x 24.00 x 6.00	762 x 610 x 152	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
36246-12	36.00 x 24.00 x 6.00	914 x 610 x 152	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
36306-12	36.00 x 30.00 x 6.00	914 x 762 x 152	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
12248-12	12.00 x 24.00 x 8.00	305 x 610 x 203	16	AW2412P	--	9.00 x 21.00	229 x 533
16128-12	16.00 x 12.00 x 8.00	406 x 305 x 203	16	AW1612P	AW1612GP	13.00 x 9.00	330 x 229
16168-12	16.00 x 16.00 x 8.00	406 x 406 x 203	16	AW1616P	AW1616GP	13.00 x 13.00	330 x 330
16208-12	16.00 x 20.00 x 8.00	406 x 508 x 203	16	AW2016P	AW2016GP	13.00 x 17.00	330 x 432
20128-12	20.00 x 12.00 x 8.00	508 x 305 x 203	16	AW2012P	--	17.00 x 9.00	432 x 229
20168-12	20.00 x 16.00 x 8.00	508 x 406 x 203	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
20208-12	20.00 x 20.00 x 8.00	508 x 508 x 203	16	AW2020P	AW2020GP	17.00 x 17.00	432 x 432
20248-12	20.00 x 24.00 x 8.00	508 x 610 x 203	16	AW2420P	AW2420GP	16.87 x 20.87	428 x 530
24128-12	24.00 x 12.00 x 8.00	610 x 305 x 203	16	AW2412P	--	21.00 x 9.00	533 x 229
24168-12	24.00 x 16.00 x 8.00	610 x 406 x 203	16	AW2416P	AW2416GP	21.00 x 13.00	533 x 330
24208-12	24.00 x 20.00 x 8.00	610 x 508 x 203	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
24248-12	24.00 x 24.00 x 8.00	610 x 610 x 203	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
24308-12	24.00 x 30.00 x 8.00	610 x 762 x 203	14	AW3024P	AW3024GP	20.87 x 26.87	530 x 682
30208-12	30.00 x 20.00 x 8.00	762 x 508 x 203	14	AW3020P	AW3020GP	26.87 x 16.87	682 x 428
30248-12	30.00 x 24.00 x 8.00	762 x 610 x 203	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
30308-12	30.00 x 30.00 x 8.00	762 x 762 x 203	14	AW3030P	AW3030GP	26.87 x 26.87	682 x 682
30368-12	30.00 x 36.00 x 8.00	762 x 914 x 203	14	AW3630P	AW3630GP	26.87 x 32.87	682 x 835
36248-12	36.00 x 24.00 x 8.00	914 x 610 x 203	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
36308-12	36.00 x 30.00 x 8.00	914 x 762 x 203	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
36368-12	36.00 x 36.00 x 8.00	914 x 914 x 203	14	AW3636P	--	32.87 x 32.87	835 x 835
42248-12	42.00 x 24.00 x 8.00	1067 x 670 x 203	14	AW4224P	--	38.87 x 20.87	987 x 530
42308-12	42.00 x 30.00 x 8.00	1067 x 762 x 203	14	AW4230P	AW4230GP	38.87 x 26.87	987 x 682
42368-12	42.00 x 36.00 x 8.00	1067 x 914 x 203	14	AW4236P	AW4236GP	38.87 x 32.87	987 x 835
48248-12	48.00 x 24.00 x 8.00	1219 x 610 x 203	14	AW4824P	--	44.87 x 20.87	1140 x 530
48308-12	48.00 x 30.00 x 8.00	1219 x 762 x 203	14	AW4830P	AW4830GP	44.87 x 26.87	1140 x 682
48368-12	48.00 x 36.00 x 8.00	1219 x 914 x 203	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
60368-12	60.00 x 36.00 x 8.00	1524 x 914 x 203	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835

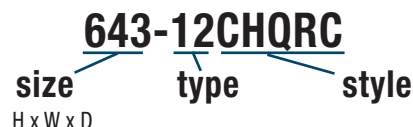
Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Catalog Numbering Legend

Catalog Numbering Legend

Cooper B-Line's catalog numbering system for industrial and commercial enclosures and wireway is a logical, easy-to-use system. It was developed so our customers could easily order or find a Cooper B-Line catalog number. Referenced in each catalog number is the size, type designation, and style. See pages v, vi, and vii for the full catalog numbering legend.

Industrial Enclosures



Enclosure Size Listed left of dash (-)

Enclosure Type Immediately follows dash (-)

1	Type 1
4	Type 4
4X	Type 4X
12	Type 12
12F	Type 12 Fiberglass
4XA	Type 4X Aluminum
4XF	Type 4X Fiberglass
4XS	Type 4X Type 304 SS
4XSS6	Type 4X Type 316L SS

Enclosure Style Immediately follows Type designation

3PT	3-Point Locking
CD (as a prefix)	Center Mounted Disconnect Enclosure
CHC	Continuous Hinge Cover
CHQRC	Continuous Hinge Quick-Release Cover
CHSC	Continuous Hinge Screw Cover
D	Double-Door
D3PT	Double-Door w/ 3-Point Locking
DA	Dual-Access
ES (as a prefix)	EnviroShield, Free Standing
FD (as a prefix)	Flange Mounted Disconnect Enclosure
FTC	Flange Trough Collar
FD	Floor-Standing, Double-Door
FD3PT	Floor-Standing, Double-Door w/ 3-Point Locking
FDQT	Floor-Standing, Double-Door w/ Quarter-Turn Latches
FS	Free-Standing
FS3PT	Free-Standing w/ 3-Point Locking
FSD	Free-Standing, Double-Door
FSD3PT	Free-Standing, Double-Door w/ 3-Point Locking
FSDA3PT	Free-Standing, Dual-Access w/ 3-Point Locking
FSDDA	Free-Standing, Double-Door, Dual-Access
FSDDA3PT	Free-Standing, Double-Door, Dual-Access w/ 3-Point Locking

FSDA	Free-Standing, Dual-Access
FSQT	Free-Standing, Double-Door w/ Quarter-Turn Latches
LC	Lift-Off Cover
M (as a prefix)	Modular
QT	Quarter Turn Latches
SC	Screw Cover
TE	Terminal Enclosure

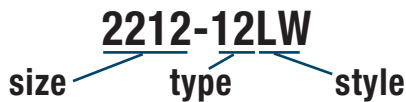
Fiberglass Enclosure Style Immediately follows Type designation

CHSC	JIC Hinge Cover w/ Two Screws
CHQRC	JIC Hinged Cover w/ Quick Release Pad Lockable Latches
CHQRCW	JIC Hinged Cover (Window) w/ Quick-Release Pad Lockable Latches
D	Double Door Wallmount
FS	Free Standing Single Door
FSD	Free Standing Double Door
LC	JIC Lift-Off Screw Cover
PB__	Multi-Hole Pushbutton Enclosure
PV__	Vertical In-Line Pushbutton Enclosure
RHCF	Type 3R Panel Enclosure
SC	Small Junction Box
SDF	Premier Series Hinge Cover w/ Two Screws
SDFQR	Premier Series Hinge Cover w/ Quick-Release Pad Lockable Latches
SDFQRCC	Premier Series Clear Cover w/ Quick-Release Pad Lockable Latches

Premier Enclosure Style Immediately follows Type designation

DSC	Single-Door Disconnect
FM	Flush-Mount
SD	Single-Door
SDSS4	Single-Door Type 304 SS
SDSS6	Single-Door Type 316L SS
SDW	Single-Door w/ Window
SDWSS4	Single-Door w/ Window Type 304 SS
TD	Double-Door

Industrial Wireway



Wireway Size Listed left of dash (-)

Wireway Type Immediately follows dash (-)

12	NEMA 12
4X	NEMA 4X
4XS	NEMA 4X Type 304 Stainless Steel

Wireway Styles Immediately follows Type designation

FW	Feed-Through Wireway
LW	Lay-In Wireway
WT	Wiring Trough

Lay-In Wireway Fittings

LAHM	Adapter for Hammond [†] Mfg.
LAHW	Adapter for Hoffman [†] or Wiegmann [†]
LARR	Adapter for Robroy [†] or Rittal [†]
LASD	Adapter for Square D [†]
BK	Barrier Kit
C	Coupling
LBC	Box Connector
LBH	Hanger, Bracket
LC	Cross, Top Open
LCF	Cut-Off Fitting/Lay-in Style
LCP	Closure Plate
LDH	Hanger, Drop
LE9A	90° Elbow, Top Open
LE9AC	90° Elbow, Outside-Top Open
LE9B	90° Elbow, Inside Open
LE9C	90° Elbow, Outside Open
LE9TC	90° Transposition Elbow, CW
LE9TCC	90° Transposition Elbow, CCW
LE15A	15° Elbow, Top Open
LE45A	45° Elbow, Top Open
LE45B	45° Elbow, Inside Open
LE45C	45° Elbow, Outside Open
LJB	Junction Box
LN1	1" Nipple
LN2	2" Nipple
LN3	3" Nipple
LR	Reducer
LSP	Sealing Plate, Flat
LTA	Tee, Top Open
LTF	Telescopic Fitting
LTSC	Transposition, Clockwise
LTSCC	Transposition, Counter Clockwise

[†] Marks shown are property of respective owners.

Feed-Through Fittings

BH	Hanger, Bracket
BK	Barrier Kit
DH	Hanger, Drop
FBC	Box Connector
FC	Cross
FCF	Cut-Off Fitting
FCP	Closure Plate
FE9	90° Elbow
FE45	45° Elbow
FFF	Flexible Fitting
FGK	Gasket Kit
FN1	1" Nipple
FN2	2" Nipple
FN3	3" Nipple
FN6	6" Nipple
FRC	Reducer Center
FRE	Reducer Edge
FT	Tee
FTF	Telescopic Fitting

Commercial Wireway



Wireway Size Listed First

Screw Cover Wireway Style Follows Size designation

G	Type 1 Screw Cover Wireway
GGV	Type 1 Screw Cover Wireway Galvanized

Screw Cover Wireway Fittings

C	Wireway Connector
E	Wireway End
FH	Wireway Hanger
FL	Hinged Elbow
FR	Wireway Reducer
FTF	Telescopic Fitting
GF	Wireway End Flange
L	Elbow
L SWEEP	Sweep Elbow
LTX	Elbow-Tee-Cross
T	Wireway Tee
X	Wireway Cross

Catalog Numbering Legend

Commercial Wireway cont.

Hinge Cover Wireway Style Follows Size designation

3RHS	EnviroShield™ Type 3R Wireway, Painted
3RAHS	EnviroShield™ Type 3R Wireway, Aluminum
HS	Type 1 Quick-Connect Hinge Cover Wireway

Hinge Cover Wireway Fittings

HSA	Wireway Connector - Adapter
HSC	Wireway Connector
HSE	Wireway End
HSF	Wireway End Flange
HSL	45° Elbow
HSL	90° Elbow
HST	Wireway Tee
HSU	Wireway Connector - Universal
HSX	Wireway Cross

Wire Trough Style Follows Size designation

GRT	Type 3R Screw Cover Wireway, Painted
GRTGV	3R Screw Cover Wireway, Galvanized
GTGV	Type 1 Wiring Trough, Galvanized

Commercial Enclosures

884 HC
 size style
 H x W x D

Enclosure Size Listed First

Enclosure Style Follows Size designation

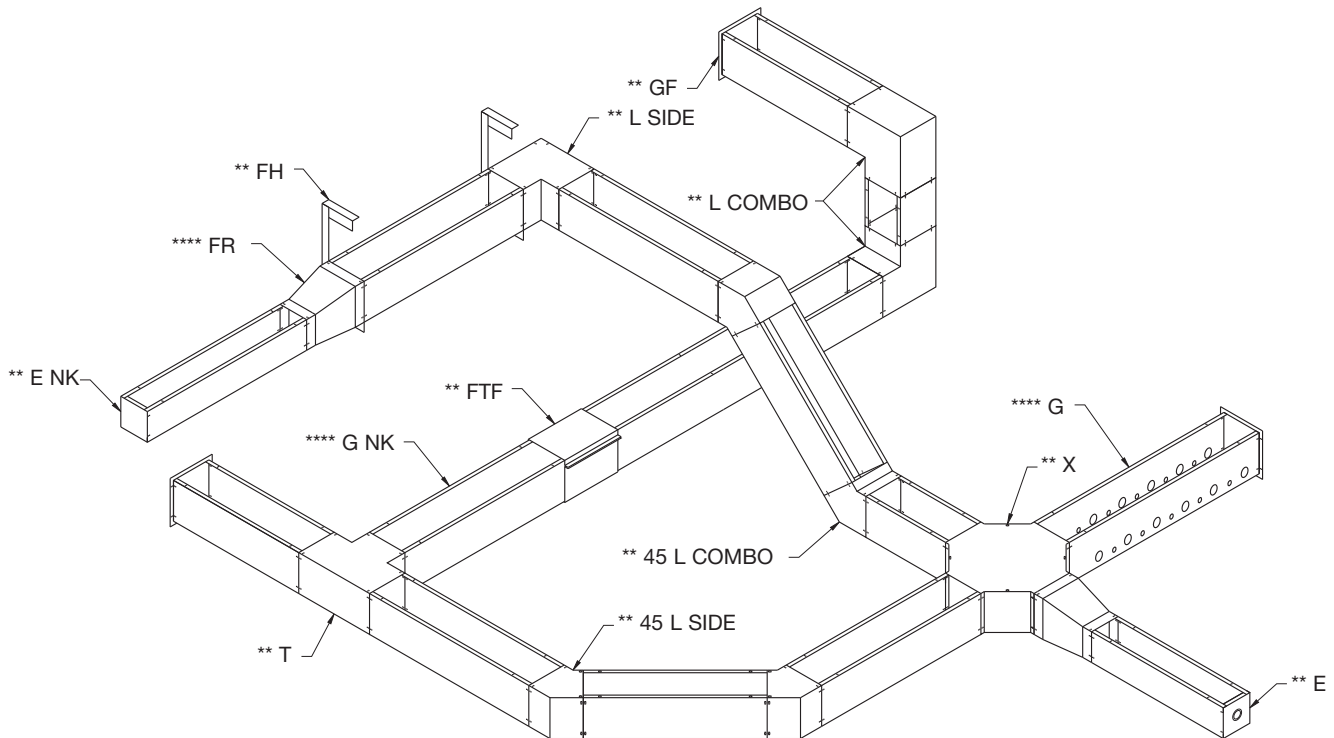
DRHC	Type 3R Double-Door Hinge Cover
HC	Type 1 Hinge Cover
HC NK	Type 1 Hinge Cover No Knockouts
HRTCT	Type 3R Current Transformer Hinge Cover
P	Type 1 Locking Enclosure with Perforated Panel
RHC	Type 3R Hinge Cover
RTC	Type 3R Telephone Termination Cabinet
RTCT	Type 3R Current Transformer Screw Cover
RTHC	Type 3R Hinge Cover
RTHC NK	Type 3R Hinge Cover No Knockouts
RTSC	Type 3R Screw Cover
RTSCGV	Type 3R Screw Cover Galvanized
RTSCGV NK	Type 3R Screw Cover Galvanized No Knockouts
RTSC NK	Type 3R Screw Cover No Knockouts
SC	Type 1 Screw Cover
SCG	Type 3 Gasketed Screw Cover
SCGV	Type 1 Screw Cover Galvanized
SCGV NK	Type 1 Screw Cover Galvanized No Knockouts
SC NK	Type 1 Screw Cover No Knockouts
TCF	Type 1 Telephone Termination Cabinet/Flush Mount
TCS	Type 1 Telephone Termination Cabinet/Surface Mount
WPSC	Type 3 Screw Cover

Accessories

AHP	Adjustable Hinge Panel Kit
AMK	Adjustable Mounting Kit
APK	Adjustable Panel Kit
AP	Aluminum Panel
BAP	Blank Adapter Plate
BK	Barrier Kit
BP	Baffle Plate
DF	Dead Front Panel
DK	Drop Shield Kit
DSTOPK	Door Stop Kit
EH	External Hinge
ES	Enclosure Stabilizer
FAS	Filter Adhesive Spray
FLT	Filters
FLWK	Frameless Window Kit
FSHELF	Folding Shelf Kit
GP	Galvanized Panel
GP	Gland Plates
HWK	Hinged Window Kits
IC	Inspection Cover
JICSPK	JIC Swing Panel Kit
KL	Keyed Lock
LPK	Louver Plate Kits
MC	Mounting Channels
MMF	Modular Mounting Frame
NSPK	NEMA Swing Panel Kit
P	Panel
PF	Fiberglass Panel
PCK	Panel Conversion Kit
PLH	Panel Lifting Hooks
PMK	Pole Mounting Kits
PS	Panel Support Kit
PP	Perforated Panel
PWK	Plexiglass Window Kit
QRCS	Quick-Release Cover Screw
RMA	Rack Mounting Angles
SCS	Slotted Cover Screw
SF	Swing-Out Rack Frames
SL	Standard Latch
SP	Sealing Plate
SP	Stainless Panel
SP	Swing-Out Panel
TB	Terminal Block
TS	Terminal Strap
TSK	Terminal Strap Support Kit
WB	Wood Back Board
WMHK	Wall-Mount Handle, Key Locking
WMHNL	Wall-Mount Handle, Non-Locking
WMHPTO	Wall-Mount Handle, Padlockable
WMK	Wall Mounting Kit



Wireway Nomenclature



This drawing is for illustration purposes only. It depicts how most Cooper B-Line Type 1 screw cover wireway straight sections and fittings could be used in an actual wireway run. Covers have been omitted in many instances to more clearly show the lay-in feature. Straight sections and fittings can be combined in many different configurations to accommodate any wiring application. The nomenclature depicts Type 1 screw cover wireway in ANSI 61 gray painted steel. In addition, Cooper B-Line also offers Type 1 galvanized screw cover wireway, Type 1 Quick-Connect hinge cover wireway, Type 3R wireway, NEMA 12 and NEMA 4 / 4X feed-through wireway, and NEMA 12 lay-in wireway.

NOMENCLATURE

**** FR	Reducer	** GF	End flange
**** G	Straight section with knockouts	** L COMBO	90° Elbow combo opening
**** G NK	Straight section without knockouts	** L SIDE	90° Elbow side opening
** E	End with knockouts	** 45 L COMBO	45° Elbow combo opening
** ENK	End without knockouts	** 45 L SIDE	45° Elbow side opening
** FH	Hanger	** T	Tee
** FTF	Telescopic fitting	** X	Cross

**** Specify height x depth x length

** Specify height x depth