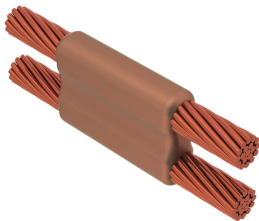


# Cable to Cable, Heavy Duty, PT, 1/0 Solid, 5/16" Stranded Steel

## Data Solutions

### KATALOGNUMMER

### HDPTC2BSD



Heavy duty connections were originally developed to be used on reclaimed cable. The heavy duty connections use a larger size connection cavity in the mold and a larger size welding material than the equivalent standard duty connection.

The larger size welding material supplies extra BTU's to melt the heavy oxide coating on the conductor and to overcome some severe field conditions. Heavy duty connections eliminate cutting the run conductor on certain types of connections, reduce cable cleaning requirements for old or reclaimed cable, and increase reliability under adverse field conditions.

Heavy duty connections are increasingly being specified for copper-coated steel conductor connections.

### FUNKTIONER

Forms a permanent, low resistance connection

Provides a molecular bond

nVent ERICO Cadweld Exothermic Connections are rated with the same current capacity as the conductor

Portable installation equipment with no external source of power required

Installers can be easily trained to make nVent ERICO Cadweld Exothermic Connections

Connections can be visually inspected

### PRODUKTEGENSKABER

Mold Family: PT Mold Family

Conductor 1: 1/0 Solid

Conductor 1 Outer Diameter, Nominal: 8.23mm

Conductor 2: 5/16" Stranded Steel

Conductor 2 Outer Diameter, Nominal: 7.92mm

Mold Split: Vertical

Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: 115 or 115PLUSF20, Sold Separately

Handle Clamp: L160, Sold Separately

Price Key: C

Ease of Use: Preferred

## YDERLIGERE PRODUKTOPLYSNINGER

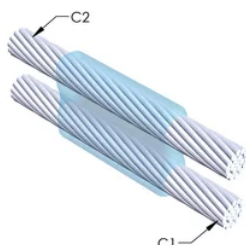
For applications such as computer room, tunnel or other low-ventilation areas, specify a smokeless nVent ERICO Cadweld Exolon mold. Add an XL prefix to the standard mold part number when ordering (for example, a TAC2Q2Q becomes XLTAC2Q2Q). Similarly, nVent ERICO Cadweld Exolon welding material is also designated by the XL prefix (for example, 150 becomes XL150).

A gap between conductors may be required. See mold tag for more information.

| HD-XX-X-XX-XX-L-M-W |                        |                                                                                         |
|---------------------|------------------------|-----------------------------------------------------------------------------------------|
| HD                  | Heavy Duty Designation |                                                                                         |
| XX                  | Mold Family            |                                                                                         |
| X                   | Price Key              |                                                                                         |
| XX                  | Conductor Code 1       |                                                                                         |
| XX                  | Conductor Code 2       |                                                                                         |
| L*                  | Split Crucible         | Crucible section is split on molds designed with horizontal opening for easier cleaning |
| M*                  | Mold Only              |                                                                                         |
| W*                  | Wear Plates            | Reduce mechanical abrasion of molds at cable entry points                               |

\* Empty if none

## DIAGRAMS



## ADVARSEL

nVent-produkter skal kun installeres og anvendes som angivet i nVents produktvejledninger og træningsmaterialer. Vejledninger er tilgængelige på [www.nvent.com](http://www.nvent.com) og hos din nVent kundeservicerepræsentant. Forkert installation, misbrug, fejlanvendelse eller anden undladelse af fuldt ud at følge nVents instruktioner og advarsler kan medføre funktionsfejl,

materielle skader, alvorlige personskader eller død og/eller ugyldiggøre din garanti.



Vores kraftfulde portefølje af mærker:

**CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE**