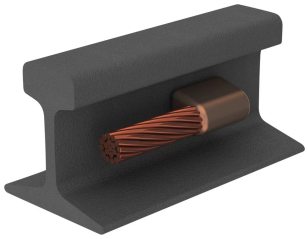
We connect and protect

# Cable to Rail, ST, 4/0 Concentric, 40 lb ASCE, Right Hand

## Data Solutions

### CATALOG NUMBER

**PB13ST2Q40ASRH**



nVent ERICO Cadweld applications for railway properties utilize the nVent ERICO Cadweld Plus F80 and the nVent ERICO Cadweld F80 welding material alloys. nVent ERICO Cadweld exothermically welded connections are engineered to provide a permanent, molecular bond that will not loosen or corrode, enabling connection of dissimilar materials. The connections are designed to perform for the life of the conductor and/or installation. The nVent ERICO Cadweld connection has a current carrying capacity equal to or greater than that of the conductor and will withstand repeated fault currents without failing during operation. Once completed, installers can clearly ensure quality by visually inspecting the new connection.

### FEATURES

- 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

### PRODUCT ATTRIBUTES

- Mold Family: ST Mold Family
- Conductor Size: 4/0 Concentric
- Conductor Outer Diameter, Nominal: 13.41mm
- Rail Type: 60 lb ASCE
- Orientation: Right Hand
- Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: PB115, Sold Separately

Handle Clamp: L160 and C120J, Sold Separately

Frame: Not Required

Mold Sealer: T403, Sold Separately

Price Key: R

Ease of Use: Easy

## ADDITIONAL PRODUCT DETAILS

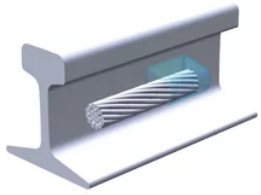
For applications such as computer room, tunnel or other low-ventilation areas, specify a smokeless nVent ERICO Cadweld Exolon mold. Add an XL prefix to the standard mold part number when ordering (for example, a PB10GR162G becomes XLPB10GR162G). Similarly, nVent ERICO Cadweld Exolon welding material is also designated by the XL prefix (for example, PB90 becomes XLPB90).

Rail materials, characteristics, use, and locations of weld should be considered when selecting connections to a rail.

| **XXXX-XX-XX-XX-XX-L-M-W** | | |
|---|---|---|
| XXXX | Price Key | |
| XX | Mold Family | |
| XX | Conductor Code | |
| XX | Rail Type | |
| XX* | Orientation | LH = Left Hand<br>RH = Right Hand |
| 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



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper

installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

Our powerful portfolio of brands:

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