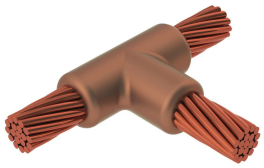
We connect and protect

Cable to Cable, TA, F Lightning Conductor, 12.7 mm Conductor 1 OD, G Lightning Conductor, 13.4 mm Conductor 2 OD

Data Solutions

CATALOG NUMBER

TAC8F8G



nVent ERICO Cadweld graphite molds are designed and engineered for thousands of connection styles and conductor combinations.

CERTIFICATIONS

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: TA Mold Family

Conductor 1: F Lightning Conductor

Conductor 1 Outer Diameter, Nominal: 12.7mm

Conductor 2: G Lightning Conductor

Conductor 2 Outer Diameter, Nominal: 13.41mm

Mold Split: Horizontal

Split Crucible: No

Wear Plates: No

Mold Only: No

Welding Material: 150 or 150PLUSF20, Sold Separately

Handle Clamp: L160, Sold Separately

Mold Sealer: T403, Sold Separately

Price Key: C

Ease of Use: Preferred

ADDITIONAL PRODUCT DETAILS

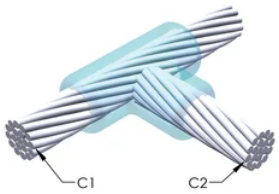
For applications such as computer room, tunnel or other low-ventilation areas, specify a smokeless nVent ERICO Cadweld Exolon mold. Add an XL prefix to the standard mold part number when ordering (for example, a TAC2Q2Q becomes XLTAC2Q2Q). Similarly, nVent ERICO Cadweld Exolon welding material is also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

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

XX-X-XX-XX-L-M-W		
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



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:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2026 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.