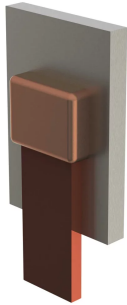


Lug or Busbar to Steel

Data Solutions



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

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

SPECIFICATIONS

Table 1/1

Catalog Number	Mold Family	Lug/Busbar Size	Connects To
BWCAF	BW Mold Family	1/16" x 1 1/4"	Steel Surface
BWDJH	BW Mold Family	1/2" x 2"	Steel Surface
HLCEG	HL Mold Family	1/4" x 1 1/2"	Steel Surface
BWCEF	BW Mold Family	1/4" x 1 1/4"	Steel Surface

Catalog Number	Mold Family	Lug/Busbar Size	Connects To
CGCEF	CG Mold Family	1/4" x 1 1/4"	Steel Surface
CGDEH	CG Mold Family	1/4" x 2"	Steel Surface
DFFEHLH	DF Mold Family	1/4" x 2"	Steel Surface
CCCEH	CC Mold Family	1/4" x 2" and wider	Steel Surface
CFDEHRH	CF Mold Family	1/4" x 2" and wider	Steel Surface
CGKEM	CG Mold Family	1/4" x 4"	Steel Surface
BWCCG	BW Mold Family	1/8" x 1 1/2"	Steel Surface
BWCBK	BW Mold Family	2 mm x 30 mm	Steel Surface
CCCBK	CC Mold Family	2 mm x 30 mm	Steel Surface
CGCBK	CG Mold Family	2 mm x 30 mm	Steel Surface
CHCBK	CH Mold Family	2 mm x 30 mm	Steel Surface
BWCCAJ	BW Mold Family	3 mm x 25 mm	Steel Surface
BWCCAM	BW Mold Family	3 mm x 50 mm	Steel Surface
CHCDG	CH Mold Family	3/16" x 1 1/2" and wider	Steel Surface
BWCDE	BW Mold Family	3/16" x 1"	Steel Surface
CFCDELH	CF Mold Family	3/16" x 1"	Steel Surface
CGCDE	CG Mold Family	3/16" x 1"	Steel Surface
BWCDG	BW Mold Family	3/16" x 1/2"	Steel Surface

Catalog Number	Mold Family	Lug/Busbar Size	Connects To
BWCEAL	BW Mold Family	4 mm x 40 mm	Steel Surface
CGCEAL	CG Mold Family	4 mm x 40 mm	Steel Surface
CGCFAK	CG Mold Family	5 mm x 30 mm	Steel Surface
BWCFAL	BW Mold Family	5 mm x 40 mm	Steel Surface
CHCPAJ	CH Mold Family	6 mm x 25 mm and wider	Steel Surface
CHCPAL	CH Mold Family	6 mm x 40 mm and wider	Steel Surface
BWDPAM	BW Mold Family	6 mm x 50 mm	Steel Surface

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 test weld should be made to check for the possibility of burn through on thin sections and to determine detrimental metallurgical effects.

XX-X-XX-L-M-W		
XX	Mold Family	
X	Price Key	
XX	Lug/Busbar Size	
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

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.



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