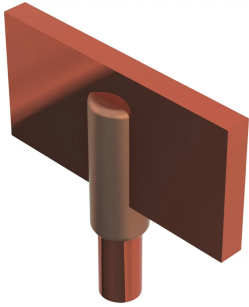


Ground Rod to Lug or Busbar

Data Solutions



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

Mold Families LA and LE can be used with straight or offset lugs

SPECIFICATIONS

Table 1/1

Catalog Number	Mold Family	Ground Rod Type	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual	Lug/Busbar Size	Certifications
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LAC18EK	LA (To Ground Rod) Mold Family	Copper-bonded	0.75in	17.3mm	1/4" x 3" and wider	
CSE14EG	CS Mold Family	Steel	0.5in	12.83mm	1/4" x 1 1/2"	
CMC14EAJ	CM Mold Family	Steel	0.5in	12.83mm	4 mm x 25 mm	
CMC14EAL	CM Mold Family	Steel	0.5in	12.83mm	4 mm x 40 mm	
CMC14EAM	CM Mold Family	Steel	0.5in	12.83mm	4 mm x 50 mm	
CMC14FAM	CM Mold Family	Steel	0.5in	12.83mm	5 mm x 50 mm	
CNC14EAJ	CN Mold Family	Steel	0.5in	12.83mm	4 mm x 25 mm	
CNC14EAM	CN Mold Family	Steel	0.5in	12.83mm	4 mm x 50 mm	
CSE16EAJ	CS Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 25 mm	
CSE16EAM	CS Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 50 mm	
CMC16CAJ	CM Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 25 mm	
CMC16CAM	CM Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 50 mm	
CMC16EAJ	CM Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 25 mm	
CMC16EAL	CM Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 40 mm	
CMC16EH	CM Mold Family	Copper-bonded	0.625in	14.3mm	1/4" x 2"	
CMC16PAJ	CM Mold Family	Copper-bonded	0.625in	14.3mm	6 mm x 25 mm	
CMC16PAL	CM Mold Family	Copper-bonded	0.625in	14.3mm	6 mm x 40 mm	
CMC16PAM	CM Mold Family	Copper-bonded	0.625in	14.3mm	6 mm x 50 mm	
CNC16CAJ	CN Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 25 mm	

CNC16CAK	CN Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 30 mm	
CNC16EAM	CN Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 50 mm	
CNC16FAL	CN Mold Family	Copper-bonded	0.625in	14.3mm	5 mm x 40 mm	
CPC16BAH	CP Mold Family	Copper-bonded	0.625in	14.3mm	2 mm x 20 mm	
CPC16CAJ	CP Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 25 mm and wider	
CPC16EAJ	CP Mold Family	Copper-bonded	0.625in	14.3mm	4 mm x 25 mm and wider	
CQR16CAH	CQ Mold Family	Copper-bonded	0.625in	14.3mm	3 mm x 20 mm	
CRC16CE	CR Mold Family	Copper-bonded	0.625in	14.3mm	1/8" x 1"	
CRC16EK	CR Mold Family	Copper-bonded	0.625in	14.3mm	1/4" x 3" and wider	
CRC16FAM	CR Mold Family	Copper-bonded	0.625in	14.3mm	5 mm x 50 mm and wider	
CRC16PAM	CR Mold Family	Copper-bonded	0.625in	14.3mm	6 mm x 50 mm and wider	
CMCP160CAJ	CM Mold Family	Steel	16in	16mm	3 mm x 25 mm	
CRCP160CAJ	CR Mold Family	Steel	16in	16mm	3 mm x 25 mm	
CMC18CAJ	CM Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 25 mm	
CMC18CAL	CM Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 40 mm	
CNC18CAJ	CN Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 25 mm	
CNC18CAK	CN Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 30 mm	
CNC18CAL	CN Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 40 mm	
CNC18EAL	CN Mold Family	Copper-bonded	0.75in	17.32mm	4 mm x 40 mm	

CPC18CAJ	CP Mold Family	Copper-bonded	0.75in	17.32mm	3 mm x 25 mm and wider	
CPC18EAJ	CP Mold Family	Copper-bonded	0.75in	17.32mm	4 mm x 25 mm and wider	
CRC18BAL	CR Mold Family	Copper-bonded	0.75in	17.32mm	2 mm x 40 mm and wider	cUL, UL
CRC18EAL	CR Mold Family	Copper-bonded	0.75in	17.32mm	4 mm x 40 mm and wider	
CRC18EH	CR Mold Family	Copper-bonded	0.75in	17.32mm	1/4" x 2" and wider	
CRD18EK	CR Mold Family	Copper-bonded	0.75in	17.32mm	1/4" x 3" and wider	
CNCP180FAM	CN Mold Family	Steel	18in	18mm	5 mm x 50 mm	
CQRP190CAJ	CQ Mold Family	Steel	19in	19mm	3 mm x 25 mm	
CMCP200CAJ	CM Mold Family	Steel	20in	20mm	3 mm x 25 mm	
CNCP200CAK	CN Mold Family	Steel	20in	20mm	3 mm x 30 mm	
CQFP200FAN	CQ Mold Family	Steel	20in	20mm	5 mm x 60 mm	
CQRP200PAJ	CQ Mold Family	Steel	20in	20mm	6 mm x 25 mm	
CMC22CAJ	CM Mold Family	Copper-bonded	1in	23.22mm	3 mm x 25 mm	
CMD22FAM	CM Mold Family	Copper-bonded	1in	23.22mm	5 mm x 50 mm	

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	Ground Rod Code	
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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