

nVent ERICO Cadweld Exolon, Cable to Rebar



Developed in 1988, nVent ERICO Cadweld Exolon connections represented a significant advancement in welded electrical connections for sensitive indoor applications like data centers, hospitals, and other clean room environments. The virtual elimination of smoke and a unique electronic starting system makes this an ideal solution for sensitive applications. Each nVent ERICO Cadweld Exolon package contains ceramic filters that produce an extremely low emission connection.

CERTIFICATIONS



DIAGRAMS



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 1/2

Catalog Number	Mold Family	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Conductor Size	Conductor Outer Diameter, Nominal
XLRJC531V	RJ	16 mm	#5	15M	#2 Concentric	7.42mm
XLRDM512Q	RD	10 mm	#3	10M	4/0 Concentric	13.41mm
XLRDM532Q	RD	16 mm	#5	15M	4/0 Concentric	13.41mm
XLRTC522Q	RT	13 mm	#4		4/0 Concentric	13.41mm

Table 2/2

Catalog Number	Certifications
XLRJC531V	cUL, UL
XLRDM512Q	cUL, UL
XLRDM532Q	UL, cUL
XLRTC522Q	

ADDITIONAL PRODUCT DETAILS

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

Rebar material characteristics and location of weld must be considered when selecting connections to rebar.

XL-XX-X-XX-XX-L-M-W		
XL	ERICO CADWELD EXOLON Designation	
XX	Mold Family	
X	Price Key	
XX	Rebar Code	
XX	Conductor Code	
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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