

# nVent ERICO Cadweld Exolon, Cable to Cable

## Data Solutions



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



### 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	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal	Certifications

XLTAC2G1H	TA Mold Family	2/0 Concentric	10.62mm	#6 Concentric	4.67mm	cUL, UL
XLTAC2Q1H	TA Mold Family	4/0 Concentric	13.41mm	#6 Concentric	4.67mm	UL, cUL
XLPC1V1H	PC Mold Family	#2 Concentric	7.42mm	#6 Concentric	4.67mm	cUL, UL
XLPC2C1H	PC Mold Family	1/0 Concentric	9.47mm	#6 Concentric	4.67mm	UL, cUL
XLPC2G1H	PC Mold Family	2/0 Concentric	10.62mm	#6 Concentric	4.67mm	cUL, UL
XLPC2Q1H	PC Mold Family	4/0 Concentric	13.41mm	#6 Concentric	4.67mm	cUL, UL
XLPGP1H1H	PG Mold Family	#6 Concentric	4.67mm	#6 Concentric	4.67mm	UL, cUL
XLPGP1H1HM	PG Mold Family	#6 Concentric	4.67mm	#6 Concentric	4.67mm	cUL, UL
XLPTC1L1H	PT Mold Family	#4 Concentric	5.89mm	#6 Concentric	4.67mm	cUL, UL
XLPTC2Q1H	PT Mold Family	4/0 Concentric	13.41mm	#6 Concentric	4.67mm	cUL, UL
XLTAC1H1H	TA Mold Family	#6 Concentric	4.67mm	#6 Concentric	4.67mm	UL, cUL
XLPC2C1L	PC Mold Family	1/0 Concentric	9.47mm	#4 Concentric	5.89mm	cUL, UL
XLPC2G1L	PC Mold Family	2/0 Concentric	10.62mm	#4 Concentric	5.89mm	UL, cUL
XLPC2Q1L	PC Mold Family	4/0 Concentric	13.41mm	#4 Concentric	5.89mm	cUL, UL
XLPTC1L1L	PT Mold Family	#4 Concentric	5.89mm	#4 Concentric	5.89mm	UL, cUL
XLPTC2C1L	PT Mold Family	1/0 Concentric	9.47mm	#4 Concentric	5.89mm	cUL, UL
XLSSC1L	SS Mold Family	#4 Concentric	5.89mm	#4 Concentric	5.89mm	cUL, UL
XLTAC1L1L	TA Mold Family	#4 Concentric	5.89mm	#4 Concentric	5.89mm	cUL, UL
XLTAC2Q1L	TA Mold Family	4/0 Concentric	13.41mm	#4 Concentric	5.89mm	UL, cUL

XLTAC3D1L	TA Mold Family	350 kcmil Concentric	17.3mm	#4 Concentric	5.89mm	
XLXBC1V1L	XB Mold Family	#2 Concentric	7.42mm	#4 Concentric	5.89mm	cUL, UL
XLTAC2Q1T	TA Mold Family	4/0 Concentric	13.41mm	#2 Solid	6.53mm	cUL, UL
XLSSC1T	SS Mold Family	#2 Solid	6.53mm	#2 Solid	6.53mm	UL, cUL
XLPC2Q1V	PC Mold Family	4/0 Concentric	13.41mm	#2 Concentric	7.42mm	UL, cUL
XLPTC2G1V	PT Mold Family	2/0 Concentric	10.62mm	#2 Concentric	7.42mm	cUL, UL
XLSSC1V	SS Mold Family	#2 Concentric	7.42mm	#2 Concentric	7.42mm	cUL, UL
XLTAC1V1V	TA Mold Family	#2 Concentric	7.42mm	#2 Concentric	7.42mm	UL, cUL
XLTAC2C1V	TA Mold Family	1/0 Concentric	9.47mm	#2 Concentric	7.42mm	UL, cUL
XLTAC2G1V	TA Mold Family	2/0 Concentric	10.62mm	#2 Concentric	7.42mm	UL, cUL
XLTAC2L1V	TA Mold Family	3/0 Concentric	11.94mm	#2 Concentric	7.42mm	cUL, UL
XLTAC2Q1V	TA Mold Family	4/0 Concentric	13.41mm	#2 Concentric	7.42mm	UL, cUL
XLTCR3X1V	TC Mold Family	600 kcmil Concentric	22.68mm	#2 Concentric	7.42mm	
XLXBC1V1V	XB Mold Family	#2 Concentric	7.42mm	#2 Concentric	7.42mm	UL, cUL
XLXBM2G1V	XB Mold Family	2/0 Concentric	10.62mm	#2 Concentric	7.42mm	cUL, UL
XLPTC1Y1Y	PT Mold Family	#1 Concentric	8.43mm	#1 Concentric	8.43mm	cUL, UL
XLSSC1Y	SS Mold Family	#1 Concentric	8.43mm	#1 Concentric	8.43mm	cUL, UL
XLTACY3Y3	TA Mold Family	50 mm <sup>2</sup> Concentric	8.99mm	50 mm <sup>2</sup> Concentric	8.99mm	UL, cUL
XLTAC2C2C	TA Mold Family	1/0 Concentric	9.47mm	1/0 Concentric	9.47mm	cUL, UL

XLTAC2C2L	TA Mold Family	1/0 Concentric	9.47mm	3/0 Concentric	11.94mm	UL, cUL
XLTAC2C2Q	TA Mold Family	1/0 Concentric	9.47mm	4/0 Concentric	13.41mm	UL, cUL
XLTAC2L2C	TA Mold Family	3/0 Concentric	11.94mm	1/0 Concentric	9.47mm	UL, cUL
XLTAC2Q2C	TA Mold Family	1/0 Concentric	9.47mm	4/0 Concentric	13.41mm	UL, cUL
XLTAC3D2C	TA Mold Family	350 kcmil Concentric	17.3mm	1/0 Concentric	9.47mm	
XLXBM2C2C	XB Mold Family	1/0 Concentric	9.47mm	1/0 Concentric	9.47mm	cUL, UL
XLPTC2C2C	PT Mold Family	1/0 Concentric	9.47mm	1/0 Concentric	9.47mm	UL, cUL
XLPTC2G2C	PT Mold Family	2/0 Concentric	10.62mm	1/0 Concentric	9.47mm	cUL, UL
XLPTC2L2C	PT Mold Family	3/0 Concentric	11.94mm	1/0 Concentric	9.47mm	cUL, UL
XLPTC2Q2C	PT Mold Family	4/0 Concentric	13.41mm	1/0 Concentric	9.47mm	cUL, UL
XLPTC2Q2CW	PT Mold Family	4/0 Concentric	13.41mm	1/0 Concentric	9.47mm	UL, cUL
XLSSC2C	SS Mold Family	1/0 Concentric	9.47mm	1/0 Concentric	9.47mm	UL, cUL
XLPTC2G2G	PT Mold Family	2/0 Concentric	10.62mm	2/0 Concentric	10.62mm	UL, cUL
XLPTC2L2G	PT Mold Family	3/0 Concentric	11.94mm	2/0 Concentric	10.62mm	cUL, UL
XLPTC2Q2G	PT Mold Family	4/0 Concentric	13.41mm	2/0 Concentric	10.62mm	cUL, UL
XLSSC2G	SS Mold Family	2/0 Concentric	10.62mm	2/0 Concentric	10.62mm	cUL, UL
XLTAC2G2G	TA Mold Family	2/0 Concentric	10.62mm	2/0 Concentric	10.62mm	UL, cUL
XLTAC2L2G	TA Mold Family	3/0 Concentric	11.94mm	2/0 Concentric	10.62mm	UL, cUL
XLTAC2Q2G	TA Mold Family	4/0 Concentric	13.41mm	2/0 Concentric	10.62mm	cUL, UL

XLXBM2Q2G	XB Mold Family	4/0 Concentric	13.41mm	2/0 Concentric	10.62mm	cUL, UL
XLPTCY4Y4	PT Mold Family	70 mm <sup>2</sup> Concentric	10.92mm	70 mm <sup>2</sup> Concentric	10.92mm	
XLTACY4Y4	TA Mold Family	70 mm <sup>2</sup> Concentric	10.92mm	70 mm <sup>2</sup> Concentric	10.92mm	cUL, UL
XLTAC2L2L	TA Mold Family	3/0 Concentric	11.94mm	3/0 Concentric	11.94mm	cUL, UL
XLTAC2Q2L	TA Mold Family	4/0 Concentric	13.41mm	3/0 Concentric	11.94mm	UL, cUL
XLTAC3Q2L	TA Mold Family	500 kcmil Concentric	20.65mm	3/0 Concentric	11.94mm	
XLXBM2L2L	XB Mold Family	3/0 Concentric	11.94mm	3/0 Concentric	11.94mm	UL, cUL
XLPTC2L2L	PT Mold Family	3/0 Concentric	11.94mm	3/0 Concentric	11.94mm	UL, cUL
XLSSC2L	SS Mold Family	3/0 Concentric	11.94mm	3/0 Concentric	11.94mm	cUL, UL
XLSSVR2L	SV Mold Family	3/0 Concentric	11.94mm	3/0 Concentric	11.94mm	
XLPC3Q2Q	PC Mold Family	500 kcmil Concentric	20.65mm	4/0 Concentric	13.41mm	cUL, UL
XLPC3Q2QS	PC Mold Family	500 kcmil Concentric	20.65mm	4/0 Concentric	13.41mm	cUL, UL
XLPTC2Q2Q	PT Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLPTC2Q2QS	PT Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLPTC2V2Q	PT Mold Family	250 kcmil Concentric	14.61mm	4/0 Concentric	13.41mm	cUL, UL
XLSSC2Q	SS Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLXBM2Q2Q	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLXBM2Q2QMS	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLXBM2Q2QS	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL

XLXBM2Q2QWS	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLXBQ2Q2Q	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLXBQ2Q2QS	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLXBQ2Q2QW	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLXBQ2Q2QWS	XB Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLTAC2Q2Q	TA Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	UL, cUL
XLTAC2Q2QW	TA Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	cUL, UL
XLTAC2Q9FW	TA Mold Family	4/0 Concentric	13.41mm	19/#9 Copperweld	14.53mm	
XLTAC2V2Q	TA Mold Family	250 kcmil Concentric	14.61mm	4/0 Concentric	13.41mm	cUL, UL
XLTAC3Q2Q	TA Mold Family	500 kcmil Concentric	20.65mm	4/0 Concentric	13.41mm	
XLTAC3Q2QW	TA Mold Family	500 kcmil Concentric	20.65mm	4/0 Concentric	13.41mm	
XLTAC9F2QW	TA Mold Family	19/#9 Copperweld	14.53mm	4/0 Concentric	13.41mm	
XLTCR2Q2Q	TC Mold Family	4/0 Concentric	13.41mm	4/0 Concentric	13.41mm	
XLTCR2V2Q	TC Mold Family	250 kcmil Concentric	14.61mm	4/0 Concentric	13.41mm	
XLTAC3Q2V	TA Mold Family	500 kcmil Concentric	20.65mm	250 kcmil Concentric	14.61mm	
XLTAC9F9FW	TA Mold Family	19/#9 Copperweld	14.53mm	19/#9 Copperweld	14.53mm	
XLHDTAC3D3D	TA Mold Family	350 kcmil Concentric	17.3mm	350 kcmil Concentric	17.3mm	
XLHDTAC3D3D S	TA Mold Family	350 kcmil Concentric	17.3mm	350 kcmil Concentric	17.3mm	
XLTAC3Q3D	TA Mold Family	500 kcmil Concentric	20.65mm	350 kcmil Concentric	17.3mm	

XLTAC3Q3H	TA Mold Family	500 kcmil Concentric	20.65mm	400 kcmil Concentric	18.49mm	
XLTAC3Q3HS	TA Mold Family	500 kcmil Concentric	20.65mm	400 kcmil Concentric	18.49mm	
XLTAC3Q3Q	TA Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLTAC3Q3QS	TA Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLTAD3Q3QS	TA Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLTCF3Q3QW	TC Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLTCF3Q3QWS	TC Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLPTD3Q3Q	PT Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLPTD3Q3QS	PT Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLSSC3Q	SS Mold Family	500 kcmil Concentric	20.65mm	500 kcmil Concentric	20.65mm	
XLSSC4L	SS Mold Family	750 kcmil Concentric	25.35mm	750 kcmil Concentric	25.35mm	

## ADDITIONAL PRODUCT DETAILS

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

XL-XX-X-XX-XX-L-M-W		
XL	ERICO CADWELD EXOLON Designation	
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

## WARNING

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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](http://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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