

nVent ERICO Cadweld Exolon, Cable to Cable

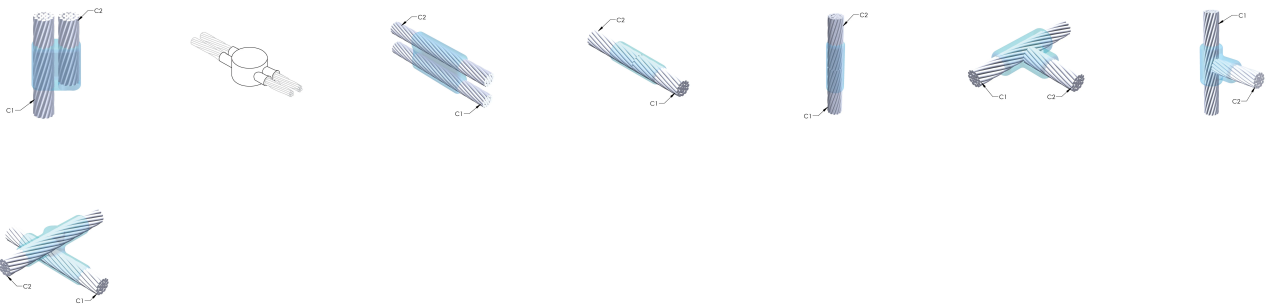


Developed in 1988, nVent ERICO Cadweld Exolon connections represented a significant advancement in welded electrical connections for sensitive indoor applications like data centers, hospitals, and other clean room environments. The virtual elimination of smoke and a unique electronic starting system 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 Exolon 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 Exolon 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	2/0 Concentric	0.42"	#6 Concentric	0.18"	cUL, UL
XLTAC2Q1H	TA	4/0 Concentric	0.53"	#6 Concentric	0.18"	UL, cUL
XLPGC1V1H	PC	#2 Concentric	0.29"	#6 Concentric	0.18"	cUL, UL
XLPGC2C1H	PC	1/0 Concentric	0.37"	#6 Concentric	0.18"	UL, cUL
XLPGC2G1H	PC	2/0 Concentric	0.42"	#6 Concentric	0.18"	cUL, UL
XLPGC2Q1H	PC	4/0 Concentric	0.53"	#6 Concentric	0.18"	cUL, UL
XLPGP1H1H	PG	#6 Concentric	0.18"	#6 Concentric	0.18"	UL, cUL
XLPGP1H1HM	PG	#6 Concentric	0.18"	#6 Concentric	0.18"	cUL, UL
XLPTC1L1H	PT	#4 Concentric	0.23"	#6 Concentric	0.18"	cUL, UL
XLPTC2Q1H	PT	4/0 Concentric	0.53"	#6 Concentric	0.18"	cUL, UL
XLTAC1H1H	TA	#6 Concentric	0.18"	#6 Concentric	0.18"	UL, cUL
XLPGC2C1L	PC	1/0 Concentric	0.37"	#4 Concentric	0.23"	cUL, UL
XLPGC2G1L	PC	2/0 Concentric	0.42"	#4 Concentric	0.23"	UL, cUL
XLPGC2Q1L	PC	4/0 Concentric	0.53"	#4 Concentric	0.23"	cUL, UL
XLPTC1L1L	PT	#4 Concentric	0.23"	#4 Concentric	0.23"	UL, cUL
XLPTC2C1L	PT	1/0 Concentric	0.37"	#4 Concentric	0.23"	cUL, UL

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLSSC1L	SS	#4 Concentric	0.23"	#4 Concentric	0.23"	cUL, UL
XLTAC1L1L	TA	#4 Concentric	0.23"	#4 Concentric	0.23"	cUL, UL
XLTAC2Q1L	TA	4/0 Concentric	0.53"	#4 Concentric	0.23"	UL, cUL
XLTAC3D1L	TA	350 kcmil Concentric	0.68"	#4 Concentric	0.23"	
XLXBC1V1L	XB	#2 Concentric	0.29"	#4 Concentric	0.23"	cUL, UL
XLTAC2Q1T	TA	4/0 Concentric	0.53"	#2 Solid	0.26"	cUL, UL
XLSSC1T	SS	#2 Solid	0.26"	#2 Solid	0.26"	UL, cUL
XLPC2Q1V	PC	4/0 Concentric	0.53"	#2 Concentric	0.29"	UL, cUL
XLPTC2G1V	PT	2/0 Concentric	0.42"	#2 Concentric	0.29"	cUL, UL
XLSSC1V	SS	#2 Concentric	0.29"	#2 Concentric	0.29"	cUL, UL
XLTAC1V1V	TA	#2 Concentric	0.29"	#2 Concentric	0.29"	UL, cUL
XLTAC2C1V	TA	1/0 Concentric	0.37"	#2 Concentric	0.29"	UL, cUL
XLTAC2G1V	TA	2/0 Concentric	0.42"	#2 Concentric	0.29"	UL, cUL
XLTAC2L1V	TA	3/0 Concentric	0.47"	#2 Concentric	0.29"	cUL, UL
XLTAC2Q1V	TA	4/0 Concentric	0.53"	#2 Concentric	0.29"	UL, cUL
XLTCR3X1V	TC	600 kcmil Concentric	0.89"	#2 Concentric	0.29"	
XLXBC1V1V	XB	#2 Concentric	0.29"	#2 Concentric	0.29"	UL, cUL
XLXBM2G1V	XB	2/0 Concentric	0.42"	#2 Concentric	0.29"	cUL, UL

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLPTC1Y1Y	PT	#1 Concentric	0.33"	#1 Concentric	0.33"	cUL, UL
XLSSC1Y	SS	#1 Concentric	0.33"	#1 Concentric	0.33"	cUL, UL
XLTACY3Y3	TA	50 mm ² Concentric	0.35"	50 mm ² Concentric	0.35"	UL, cUL
XLTAC2C2C	TA	1/0 Concentric	0.37"	1/0 Concentric	0.37"	cUL, UL
XLTAC2C2L	TA	1/0 Concentric	0.37"	3/0 Concentric	0.47"	UL, cUL
XLTAC2C2Q	TA	1/0 Concentric	0.37"	4/0 Concentric	0.53"	UL, cUL
XLTAC2L2C	TA	3/0 Concentric	0.47"	1/0 Concentric	0.37"	UL, cUL
XLTAC2Q2C	TA	1/0 Concentric	0.37"	4/0 Concentric	0.53"	UL, cUL
XLTAC3D2C	TA	350 kcmil Concentric	0.68"	1/0 Concentric	0.37"	
XLXBM2C2C	XB	1/0 Concentric	0.37"	1/0 Concentric	0.37"	cUL, UL
XLPTC2C2C	PT	1/0 Concentric	0.37"	1/0 Concentric	0.37"	UL, cUL
XLPTC2G2C	PT	2/0 Concentric	0.42"	1/0 Concentric	0.37"	cUL, UL
XLPTC2L2C	PT	3/0 Concentric	0.47"	1/0 Concentric	0.37"	cUL, UL
XLPTC2Q2C	PT	4/0 Concentric	0.53"	1/0 Concentric	0.37"	cUL, UL
XLPTC2Q2CW	PT	4/0 Concentric	0.53"	1/0 Concentric	0.37"	UL, cUL
XLSSC2C	SS	1/0 Concentric	0.37"	1/0 Concentric	0.37"	UL, cUL
XLPTC2G2G	PT	2/0 Concentric	0.42"	2/0 Concentric	0.42"	UL, cUL
XLPTC2L2G	PT	3/0 Concentric	0.47"	2/0 Concentric	0.42"	cUL, UL

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLPTC2Q2G	PT	4/0 Concentric	0.53"	2/0 Concentric	0.42"	cUL, UL
XLSSC2G	SS	2/0 Concentric	0.42"	2/0 Concentric	0.42"	cUL, UL
XLTAC2G2G	TA	2/0 Concentric	0.42"	2/0 Concentric	0.42"	UL, cUL
XLTAC2L2G	TA	3/0 Concentric	0.47"	2/0 Concentric	0.42"	UL, cUL
XLTAC2Q2G	TA	4/0 Concentric	0.53"	2/0 Concentric	0.42"	cUL, UL
XLXBM2Q2G	XB	4/0 Concentric	0.53"	2/0 Concentric	0.42"	cUL, UL
XLPTCY4Y4	PT	70 mm ² Concentric	0.43"	70 mm ² Concentric	0.43"	
XLTACY4Y4	TA	70 mm ² Concentric	0.43"	70 mm ² Concentric	0.43"	cUL, UL
XLTAC2L2L	TA	3/0 Concentric	0.47"	3/0 Concentric	0.47"	cUL, UL
XLTAC2Q2L	TA	4/0 Concentric	0.53"	3/0 Concentric	0.47"	UL, cUL
XLTAC3Q2L	TA	500 kcmil Concentric	0.81"	3/0 Concentric	0.47"	
XLXBM2L2L	XB	3/0 Concentric	0.47"	3/0 Concentric	0.47"	UL, cUL
XLPTC2L2L	PT	3/0 Concentric	0.47"	3/0 Concentric	0.47"	UL, cUL
XLSSC2L	SS	3/0 Concentric	0.47"	3/0 Concentric	0.47"	cUL, UL
XLVR2L	SV	3/0 Concentric	0.47"	3/0 Concentric	0.47"	
XLPC3Q2Q	PC	500 kcmil Concentric	0.81"	4/0 Concentric	0.53"	cUL, UL
XLPC3Q2QS	PC	500 kcmil Concentric	0.81"	4/0 Concentric	0.53"	cUL, UL
XLPTC2Q2Q	PT	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLPTC2Q2QS	PT	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLPTC2V2Q	PT	250 kcmil Concentric	0.57"	4/0 Concentric	0.53"	cUL, UL
XLSSC2Q	SS	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLXBM2Q2Q	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLXBM2Q2QMS	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLXBM2Q2QS	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLXBM2Q2QWS	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLXBQ2Q2Q	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLXBQ2Q2QS	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLXBQ2Q2QW	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLXBQ2Q2QWS	XB	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLTAC2Q2Q	TA	4/0 Concentric	0.53"	4/0 Concentric	0.53"	UL, cUL
XLTAC2Q2QW	TA	4/0 Concentric	0.53"	4/0 Concentric	0.53"	cUL, UL
XLTAC2Q9FW	TA	4/0 Concentric	0.53"	19/#9 Copperweld	0.57"	
XLTAC2V2Q	TA	250 kcmil Concentric	0.57"	4/0 Concentric	0.53"	cUL, UL
XLTAC3Q2Q	TA	500 kcmil Concentric	0.81"	4/0 Concentric	0.53"	
XLTAC3Q2QW	TA	500 kcmil Concentric	0.81"	4/0 Concentric	0.53"	
XLTAC9F2QW	TA	19/#9 Copperweld	0.57"	4/0 Concentric	0.53"	

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLTCR2Q2Q	TC	4/0 Concentric	0.53"	4/0 Concentric	0.53"	
XLTCR2V2Q	TC	250 kcmil Concentric	0.57"	4/0 Concentric	0.53"	
XLTAC3Q2V	TA	500 kcmil Concentric	0.81"	250 kcmil Concentric	0.57"	
XLTAC9F9FW	TA	19/#9 Copperweld	0.57"	19/#9 Copperweld	0.57"	
XLHDTAC3D3D	TA	350 kcmil Concentric	0.68"	350 kcmil Concentric	0.68"	
XLHDTAC3D3D S	TA	350 kcmil Concentric	0.68"	350 kcmil Concentric	0.68"	
XLTAC3Q3D	TA	500 kcmil Concentric	0.81"	350 kcmil Concentric	0.68"	
XLTAC3Q3H	TA	500 kcmil Concentric	0.81"	400 kcmil Concentric	0.73"	
XLTAC3Q3HS	TA	500 kcmil Concentric	0.81"	400 kcmil Concentric	0.73"	
XLTAC3Q3Q	TA	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLTAC3Q3QS	TA	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLTAD3Q3QS	TA	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLTCF3Q3QW	TC	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLTCF3Q3QWS	TC	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLPTD3Q3Q	PT	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLPTD3Q3QS	PT	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	
XLSSC3Q	SS	500 kcmil Concentric	0.81"	500 kcmil Concentric	0.81"	

CatalogNumber	Mold Family	Conductor 1	Conductor 1 OuterDiameter, Nominal	Conductor 2	Conductor 2 OuterDiameter, Nominal	Certifications
XLSSC4L	SS	750 kcmil Concentric	1"	750 kcmil Concentric	1"	

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

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.

North America

+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical
Support

Europe

Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe

Germany:
800 1890272
Other Countries:
+31 13 5835404

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Shanghai:
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