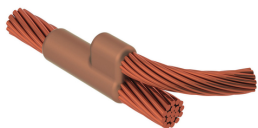
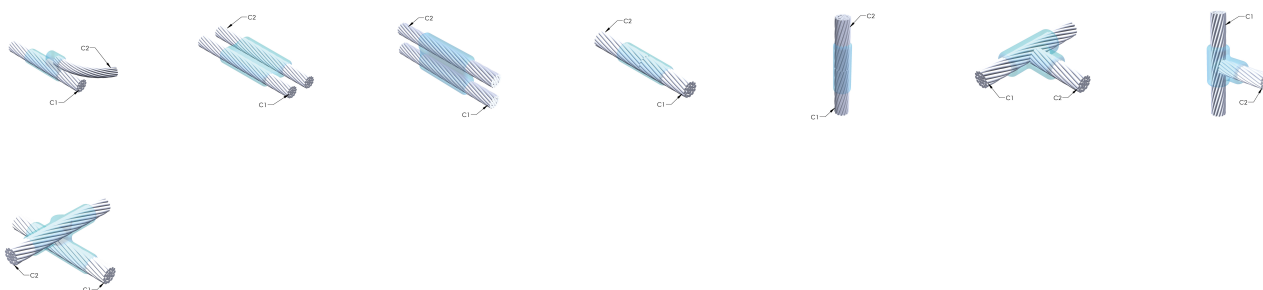


NVENT ERICO CADWELD EXOLON, CABLE TO CABLE



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

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal
XLPC1V1H	PC	#2 Concentric	0.292"	#6 Concentric	0.184"
XLPC2C1H	PC	1/0 Concentric	0.373"	#6 Concentric	0.184"
XLPC2G1H	PC	2/0 Concentric	0.418"	#6 Concentric	0.184"
XLPC2Q1H	PC	4/0 Concentric	0.528"	#6 Concentric	0.184"
XLPG1H1H	PG	#6 Concentric	0.184"	#6 Concentric	0.184"
XLPG1H1HM	PG	#6 Concentric	0.184"	#6 Concentric	0.184"

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal
XLPTC1L1H	PT	#4 Concentric	0.232"	#6 Concentric	0.184"
XLPTC2Q1H	PT	4/0 Concentric	0.528"	#6 Concentric	0.184"
XLTAC1H1H	TA	#6 Concentric	0.184"	#6 Concentric	0.184"
XLTAC2G1H	TA	2/0 Concentric	0.418"	#6 Concentric	0.184"
XLTAC2Q1H	TA	4/0 Concentric	0.528"	#6 Concentric	0.184"
XLPC2C1L	PC	1/0 Concentric	0.373"	#4 Concentric	0.232"
XLPC2G1L	PC	2/0 Concentric	0.418"	#4 Concentric	0.232"
XLPC2Q1L	PC	4/0 Concentric	0.528"	#4 Concentric	0.232"
XLPTC1L1L	PT	#4 Concentric	0.232"	#4 Concentric	0.232"
XLPTC2C1L	PT	1/0 Concentric	0.373"	#4 Concentric	0.232"
XLSSC1L	SS	#4 Concentric	0.232"	#4 Concentric	0.232"
XLTAC1L1L	TA	#4 Concentric	0.232"	#4 Concentric	0.232"
XLTAC2Q1L	TA	4/0 Concentric	0.528"	#4 Concentric	0.232"
XLTAC3D1L	TA	350 kcmil Concentric	0.681"	#4 Concentric	0.232"
XLXBC1V1L	XB	#2 Concentric	0.292"	#4 Concentric	0.232"
XLSSC1T	SS	#2 Solid	0.257"	#2 Solid	0.257"
XLTAC2Q1T	TA	4/0 Concentric	0.528"	#2 Solid	0.257"
XLPC2Q1V	PC	4/0 Concentric	0.528"	#2 Concentric	0.292"
XLPTC2G1V	PT	2/0 Concentric	0.418"	#2 Concentric	0.292"
XLSSC1V	SS	#2 Concentric	0.292"	#2 Concentric	0.292"
XLTAC1V1V	TA	#2 Concentric	0.292"	#2 Concentric	0.292"
XLTAC2C1V	TA	1/0 Concentric	0.373"	#2 Concentric	0.292"
XLTAC2G1V	TA	2/0 Concentric	0.418"	#2 Concentric	0.292"
XLTAC2L1V	TA	3/0 Concentric	0.470"	#2 Concentric	0.292"
XLTAC2Q1V	TA	4/0 Concentric	0.528"	#2 Concentric	0.292"
XLTCR3X1V	TC	600 kcmil Concentric	0.893"	#2 Concentric	0.292"
XLXBC1V1V	XB	#2 Concentric	0.292"	#2 Concentric	0.292"
XLXBM2G1V	XB	2/0 Concentric	0.418"	#2 Concentric	0.292"
XLPTC1Y1Y	PT	#1 Concentric	0.332"	#1 Concentric	0.332"
XLSSC1Y	SS	#1 Concentric	0.332"	#1 Concentric	0.332"
XLTACY3Y3	TA	50 mm ² Concentric	0.354"	50 mm ² Concentric	0.354"
XLPTC2C2C	PT	1/0 Concentric	0.373"	1/0 Concentric	0.373"
XLPTC2G2C	PT	2/0 Concentric	0.418"	1/0 Concentric	0.373"
XLPTC2L2C	PT	3/0 Concentric	0.470"	1/0 Concentric	0.373"
XLPTC2Q2C	PT	4/0 Concentric	0.528"	1/0 Concentric	0.373"
XLPTC2Q2CW	PT	4/0 Concentric	0.528"	1/0 Concentric	0.373"
XLSSC2C	SS	1/0 Concentric	0.373"	1/0 Concentric	0.373"
XLTAC2C2C	TA	1/0 Concentric	0.373"	1/0 Concentric	0.373"
XLTAC2C2L	TA	1/0 Concentric	0.373"	3/0 Concentric	0.470"

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal
XLTAC2C2Q	TA	1/0 Concentric	0.373"	4/0 Concentric	0.528"
XLTAC2L2C	TA	3/0 Concentric	0.470"	1/0 Concentric	0.373"
XLTAC2Q2C	TA	1/0 Concentric	0.373"	4/0 Concentric	0.528"
XLTAC3D2C	TA	350 kcmil Concentric	0.681"	1/0 Concentric	0.373"
XLXBM2C2C	XB	1/0 Concentric	0.373"	1/0 Concentric	0.373"
XLPTC2G2G	PT	2/0 Concentric	0.418"	2/0 Concentric	0.418"
XLPTC2L2G	PT	3/0 Concentric	0.470"	2/0 Concentric	0.418"
XLPTC2Q2G	PT	4/0 Concentric	0.528"	2/0 Concentric	0.418"
XLSSC2G	SS	2/0 Concentric	0.418"	2/0 Concentric	0.418"
XLTAC2G2G	TA	2/0 Concentric	0.418"	2/0 Concentric	0.418"
XLTAC2L2G	TA	3/0 Concentric	0.470"	2/0 Concentric	0.418"
XLTAC2Q2G	TA	4/0 Concentric	0.528"	2/0 Concentric	0.418"
XLXBM2Q2G	XB	4/0 Concentric	0.528"	2/0 Concentric	0.418"
XLPTCY4Y4	PT	70 mm ² Concentric	0.430"	70 mm ² Concentric	0.430"
XLTACY4Y4	TA	70 mm ² Concentric	0.430"	70 mm ² Concentric	0.430"
XLPTC2L2L	PT	3/0 Concentric	0.470"	3/0 Concentric	0.470"
XLSSC2L	SS	3/0 Concentric	0.470"	3/0 Concentric	0.470"
XLSVR2L	SV	3/0 Concentric	0.470"	3/0 Concentric	0.470"
XLTAC2L2L	TA	3/0 Concentric	0.470"	3/0 Concentric	0.470"
XLTAC2Q2L	TA	4/0 Concentric	0.528"	3/0 Concentric	0.470"
XLTAC3Q2L	TA	500 kcmil Concentric	0.813"	3/0 Concentric	0.470"
XLXBM2L2L	XB	3/0 Concentric	0.470"	3/0 Concentric	0.470"
XLPC3Q2Q	PC	500 kcmil Concentric	0.813"	4/0 Concentric	0.528"
XLPC3Q2QS	PC	500 kcmil Concentric	0.813"	4/0 Concentric	0.528"
XLPTC2Q2Q	PT	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLPTC2Q2QS	PT	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLPTC2V2Q	PT	250 kcmil Concentric	0.575"	4/0 Concentric	0.528"
XLSSC2Q	SS	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLTAC2Q2Q	TA	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLTAC2Q2QW	TA	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLTAC2Q9FW	TA	4/0 Concentric	0.528"	19/#9 Copperweld	0.572"
XLTAC2V2Q	TA	250 kcmil Concentric	0.575"	4/0 Concentric	0.528"
XLTAC3Q2Q	TA	500 kcmil Concentric	0.813"	4/0 Concentric	0.528"
XLTAC3Q2QW	TA	500 kcmil Concentric	0.813"	4/0 Concentric	0.528"
XLTAC9F2QW	TA	19/#9 Copperweld	0.572"	4/0 Concentric	0.528"
XLTCR2Q2Q	TC	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLTCR2V2Q	TC	250 kcmil Concentric	0.575"	4/0 Concentric	0.528"
XLXBM2Q2Q	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBM2Q2QMS	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"

Catalog Number	Mold Family	Conductor 1	Conductor 1 Outer Diameter, Nominal	Conductor 2	Conductor 2 Outer Diameter, Nominal
XLXBM2Q2QS	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBM2Q2QWS	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBQ2Q2Q	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBQ2Q2QS	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBQ2Q2QW	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLXBQ2Q2QWS	XB	4/0 Concentric	0.528"	4/0 Concentric	0.528"
XLTAC3Q2V	TA	500 kcmil Concentric	0.813"	250 kcmil Concentric	0.575"
XLTAC9F9FW	TA	19/#9 Copperweld	0.572"	19/#9 Copperweld	0.572"
XLHDTAC3D3D	TA	350 kcmil Concentric	0.681"	350 kcmil Concentric	0.681"
XLHDTAC3D3DS	TA	350 kcmil Concentric	0.681"	350 kcmil Concentric	0.681"
XLTAC3Q3D	TA	500 kcmil Concentric	0.813"	350 kcmil Concentric	0.681"
XLTAC3Q3H	TA	500 kcmil Concentric	0.813"	400 kcmil Concentric	0.728"
XLTAC3Q3HS	TA	500 kcmil Concentric	0.813"	400 kcmil Concentric	0.728"
XLPTD3Q3Q	PT	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLPTD3Q3QS	PT	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLSSC3Q	SS	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLTAC3Q3Q	TA	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLTAC3Q3QS	TA	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLTAD3Q3QS	TA	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLTCF3Q3QW	TC	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLTCF3Q3QWS	TC	500 kcmil Concentric	0.813"	500 kcmil Concentric	0.813"
XLSSC4L	SS	750 kcmil Concentric	0.998"	750 kcmil Concentric	0.998"

ADDITIONAL PRODUCT DETAILS

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.

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

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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nVent reserves the right to change specifications without notice.