

HUBBELL
Power Systems, Inc.

1850 Richland Ave East
Aiken, SC 29801
Phone: 803-648-8386
www.Hubbell.com

35 kV COLD SHRINK TERMINATION KIT

Conforms to all Requirements of IEEE Std. 48 and C119.4
Latest Revision

Ratings

Maximum Continuous Voltage.....20.2 kV Phase-to-Ground

Insulation Withstand Voltages

Basic Impulse Level.....200 kV Crest (1.2 x 50 μSec. wave)
60 Hz (60 Sec.) Dry.....90 kV rms
60 Hz (5 Hr.) Dry.....71 kV rms
60 Hz (10 Sec.) Wet.....80 kV rms
Partial Discharge Extinction Voltage (5 pC).....30 kV rms

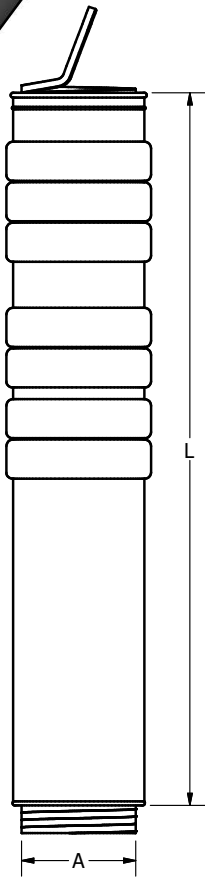
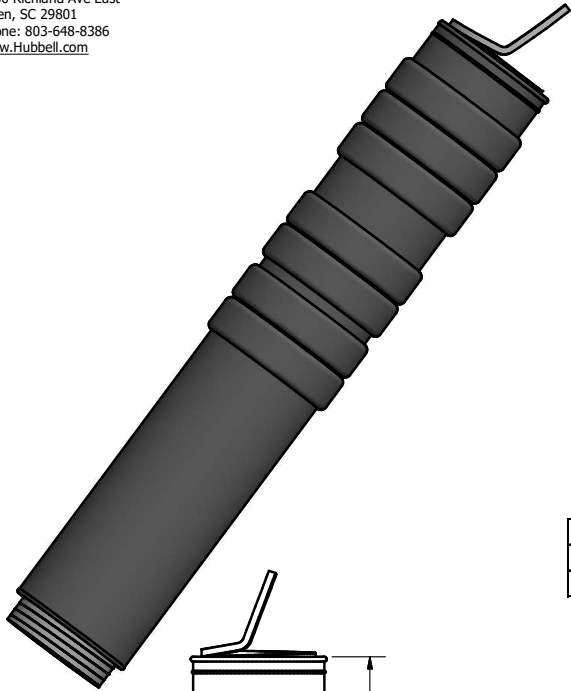


TABLE 1

HOUSING CODE	SHEDS	INSULATION DIA. (in.)	L (in.)	ØA (in.)
4	7	1.04 - 1.63	22.91	3.67
5	7	1.34 - 2.32	22.91	3.67

TABLE 2

CONNECTOR CODE	CONDUCTOR SIZE	STRANDING
A22	#2	Stranded & Compressed
	#1	Compact & Solid
	#1	Stranded & Compressed
	1/0	Compact & Solid
A24	1/0	Stranded & Compressed
	2/0	Compact & Solid
A25	2/0	Stranded & Compressed
A26	3/0	Compact & Solid
	4/0	Stranded & Compressed
A27/B27	4/0	Stranded & Compressed
	250	Compact
	250	Stranded & Compressed
B30	350	Stranded & Compressed
	500	Compact
B33	500	Stranded & Compressed
	600	Compact
B35	600	Stranded & Compressed
B38	750	Compact
	700	Stranded & Compressed
	750	Stranded & Compressed
B41	1000	Stranded & Compressed
B44	1250	Stranded & Compressed
B46	1500	Stranded & Compressed

ORDERING INFORMATION:

35TZX₁X₂X₃

X₁ = HOUSING CODE (SEE TABLE 1)

X₂ = CABLE TYPE

S for Tape and Wire shielded XLP/EPR Cable

J for Jacketed Concentric Neutral

X₃ = CONNECTOR (SEE TABLE 2)

"0" FOR NO CONNECTOR

FOR TERMINATIONS WITHOUT CONNECTOR USE

FOR EXAMPLE:

35TZ40 = HOUSING CODE 4

NOTE: A = STEM CONNECTOR

B = 2-HOLE LUG

The Hubbell Cold Shrink Termination manufactured with silicone rubber, is designed for 35 kV applications and offers easy installation and reliable performance when terminating outdoor medium voltage solid dielectric cables. Removal of the inner support core allows the termination to shrink evenly on the cable, producing a tight void free interface between the cable and termination housing.

HUBBELL POWER SYSTEMS, Inc. POWER SYSTEMS, INC.		TITLE		REV
		35 kV COLD SHRINK TERMINATION		
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV	
SB	---	35TZ	0	
DO NOT SCALE THIS DRAWING		DRN BY BVB	DATE 2/25/2021	SHEET 1 OF 1

CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS, INC. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS, INC. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.

REV DATE 2/25/2021