

Issue Date: 11/12/2012

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File: PSS-K151LY-W0X

15/25kV	200A Deadbreak Locking "Y" Splice	w/o Test Point	K151LY-W0X
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Features:

- 15kV, 200 Amp Deadbreak Rated
- Permanent Locking Apparatus
- Fully shielded, fully submersible molded rubber housing
- 100% Peroxide cured construction includes insulation and conductive EPDM materials
- Wide cable range with minimum number of sizes

K151LY Deadbreak Locking "Y" Splice

Applications:

The K151LY locking "Y" splice provides a permanent, fully shielded, fully submersible, "Y" splice. Typically, the K151LY can be used where a new tap is required on an existing cable run or where a "Y" joint is required in a new cable installation. If a tap is required at some future time the tap leg of the "Y" splice can be insulated with a K150DR. When the tap is required, de-energize the system, remove the insulating plug, and insert the prepared cable tap. The K151LY is for up to 25kV use. Installed either directly or buried in a vault, the pin and socket interlock of the K151LY will withstand pulls of up to 500lbs.

The K151LY is designed to accept cable insulation diameters of .575" to 1.220". While designed for use on UD cable having concentric neutral and extruded insulation shielding, the K151LY will operate equally as well on other shielded cables when used with the proper Elastimold® cable shield adapter.

Ratings:

Meets ANSI/IEEE Standard 386, Latest Revision

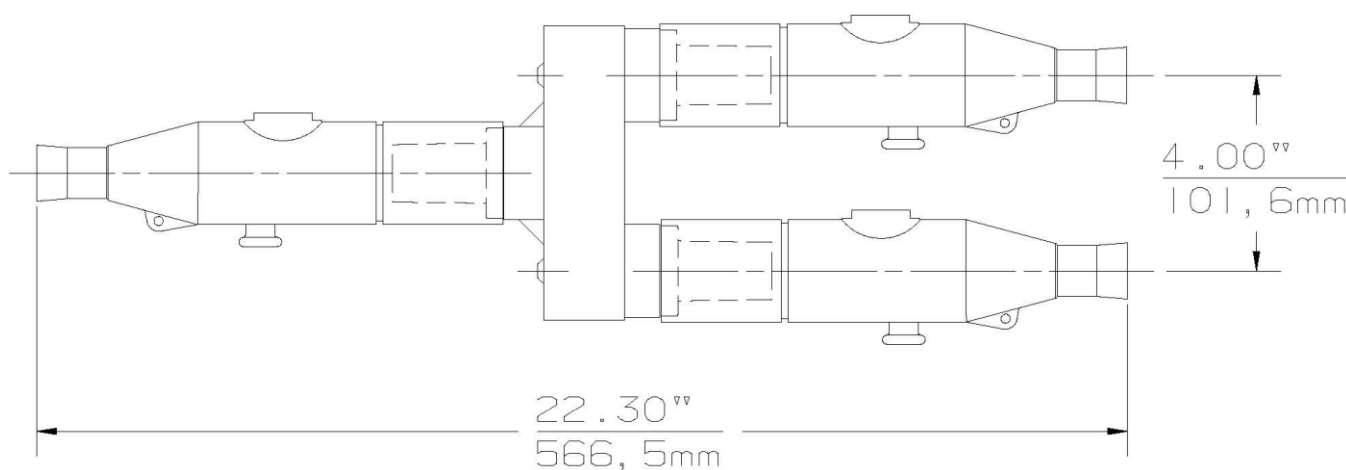
For 15kV Voltage Class:

8.3kV Max Phase-to-Ground – Operating Voltage
 14.4kV Max Phase-to-Phase
 95kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 34kV AC – One minute withstand
 53kV DC – 15 minutes withstand
 11kV AC – Corona Extinction @ 3pC sensitivity
 200 Amp – Continuous
 10kA Sym – 10 Cycles Momentary

For 25kV Voltage Class:

15.2kV Max Phase-to-Ground – Operating Voltage
 26.3kV Max Phase-to-Phase
 125kV BIL – Impulse Withstand (1.2 x 50 microsecond wave)
 40kV AC – One minute withstand
 78kV DC – 15 minutes withstand
 19kV AC – Corona Extinction @ 3pC sensitivity
 200 Amp – Continuous
 10kA Sym – 10 Cycles Momentary

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Each kit contains the following:

3	Receptacle Housing	K151BSR-W
3	Pin Connectors	01300XXX
3	Lubricant	82-08
1	Installation Instruction	IS-0469
1	Installation Instruction	IS-0521
1	Nylon Rod	150-515
1	"Y" Bus	K151LY
1	Crimp Chart	CC-0023

K151LY -

Aluminum	0
Copper*	2

W Code

XXX Code

Cable Insulation Diameter in inches		Cable Insulation Diameter in millimeters		Symbol for W
MIN.	MAX.	MIN.	MAX.	
0.575	0.740	14.605	18.796	A
0.635	0.905	16.129	22.987	B
0.805	1.060	20.447	26.924	C
0.890	1.220	22.606	30.988	D

X Code	Conductor Size AWG or kcmil			Connector Only	
	Strand. / Compr.	Solid/ Compact	mm ²	Aluminum	Copper*
190		#4	16.76	01300190	013022190
200	#4	#3	21.14	01300200	01302200
210	#3	#2	26.67	01300210	01302210
220	#2	#1	33.62	01300220	01302220
230	#1	1/0	42.41	01300230	01302230
240	1/0	2/0	53.49	01300240	01302240
250	2/0	3/0	67.43	01300250	01302250
260	3/0	4/0	85.01	01300260	01302260
270	4/0	250	26.67	01300270	01302270

Ordering Instructions:

Step 1 (W)

Select the diameter letter code that best straddles the insulation diameter. Insert the code into catalog number.

Step 2

Select the connector material, 0 for universal aluminum, and 2 for all copper lug.

Step 3 (X)

Choose the proper compression connector code according to the conductor size and type. Insert the code into the catalog number.