HUBBELL[®] Power Systems, Inc.

www.Hubbellpowersystems.com

1850 Richmond Ave East Aiken, SC 29801 Phone: 803-648-8386

35KV LOADBREAK ELBOW

Ratings

Maximum Continuous Voltage......21.1 kV Phase-to-Ground 36.6 kV Phase-to-Phase Continuous Current......200 A

Short-Time Current Ratings

Insulation Withstand Voltages

Switching

1-Phase & 3-Phase Circuits 21.1 kV Phase-to-Ground, 36.6 kV maximum across the open contacts. 10 make/break operations at 200 A with 0.70-0.80 lagging power factor.

Fault Closure

One Fault-Close Operation at max 21.1 kV Phase-to-Ground, or max 36.6 kV Phase-to-Phase; max 10,000 A rms Symmetrical, 10 Cycles (0.17 Sec.).

Production Tests

100% factory tested for Partial Discharge and either AC 60 Hz (50 kV for 60 Sec.) or Impulse (BIL) (150 kV 1.2 x 50 μ Sec. wave).

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CONNECTOR	STRANDED	SOLID	
1	#6	#4	
2	#4-3	#2-3	
3	#2	#1	
4	#1	1/0	
5	1/0	2/0	
6	2/0	3/0	
7	3/0	4/0	
8	4/0	-	

RANGE	SIZE	
3	.846-1.051	
4	.976-1.181	
5	1.087-1.311	
6	1.232-1.469	

ORDER INFORMATION: 235LE(a)(b)(c)(d)

- a = ELBOW RANGE
- b = CONNECTOR
- c = "T" FOR ELBOW WITH TEST POINT
- d = "J" FOR CABLE SEAL KIT
 - "S" FOR SHIELD ADAPTER

EXAMPLE:

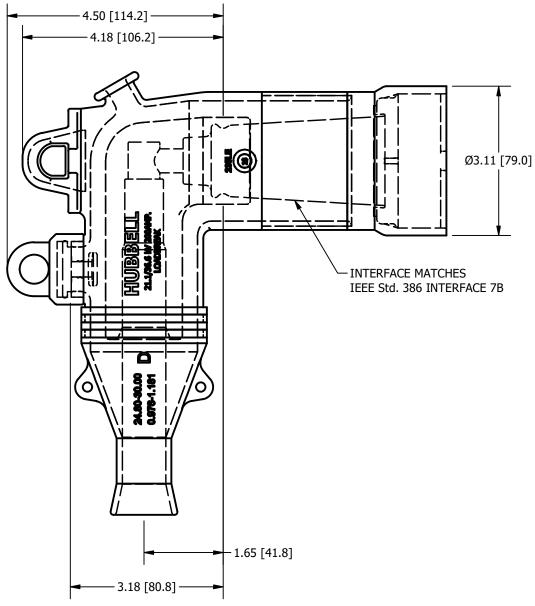
A 200A 35kV LOADBREAK ELBOW WITH A TEST POINT FOR USE ON A 2/0 STRANDED CABLE WITH AN INSULATION THICKNESS OF 1.150" AND CABLE SEAL KIT

ELBOW RANGE = 4 CONNECTOR = 5

INCLUDE TESTPOINT AND CABLE SEALKIT

ORDER: 235LE45TJ REV DATE

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	HUBBELL POWER SYSTEMS, Inc.						
	ELBOW, 200A						
HE	35kV LOADBREAK						
ADE SHED	SIZE SB	DWG NO.			t / part / assy no. 35LExxx		REV 2
	_	NOT SCALE S DRAWING	DRN BY BVB		DATE 2/11/2020	SHEET 1 OF	1