

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

35KV
LOADBREAK
ELBOW



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

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

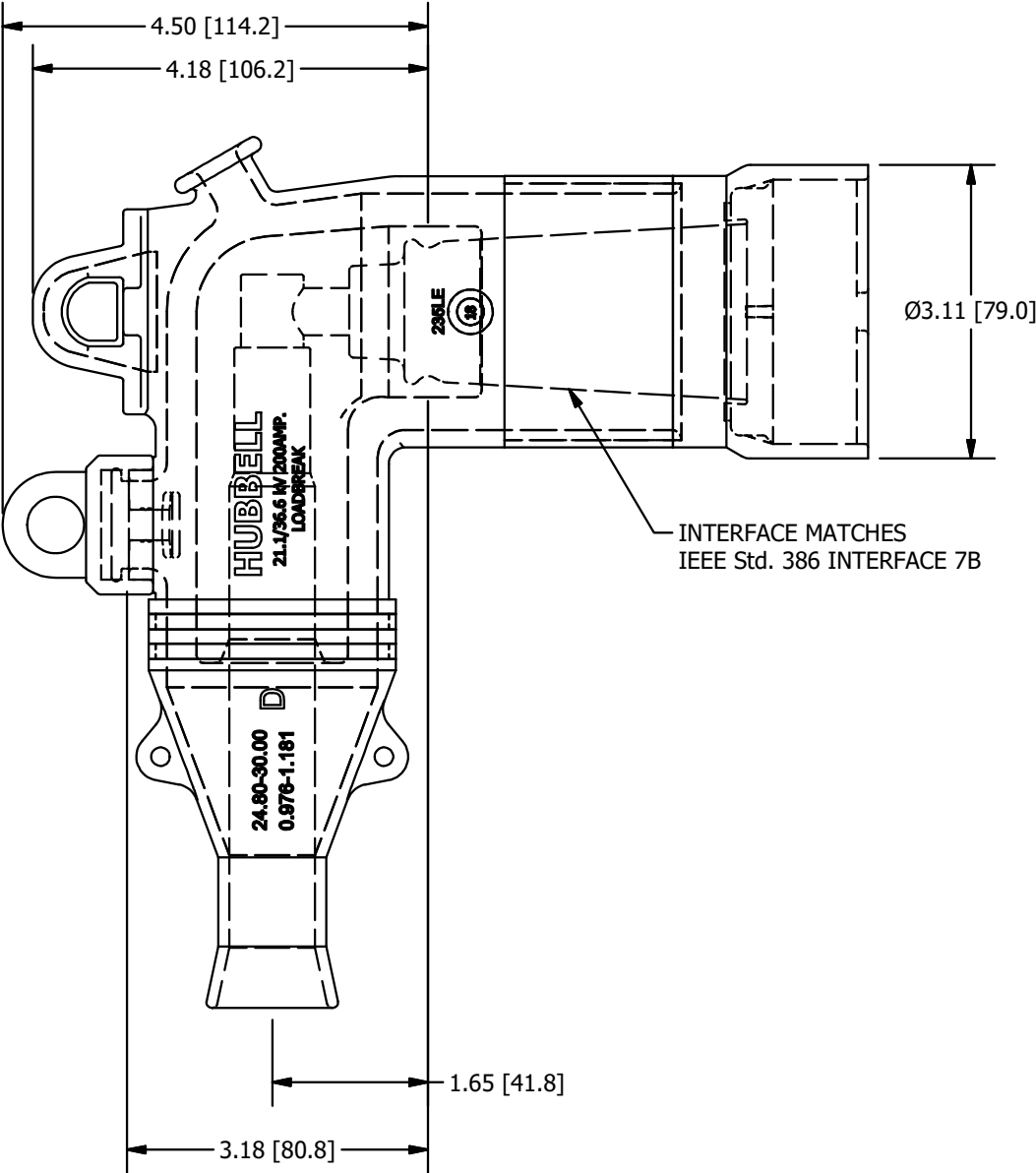
Short-Time Current Ratings
0.17 Sec. Duration.....10,000 A rms Symmetrical
3.00 Sec. Duration.....3,500 A rms Symmetrical

Insulation Withstand Voltages
Basic Impulse Level.....150 kV Crest (1.2 x 50 μSec. wave)
60 Hz (60 Sec.).....50 kV rms
Partial Discharge Extinction Voltage (3 pC).....26 kV rms

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 μSec. wave).



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

a = ELBOW RANGE
b = CONNECTOR
c = "T" FOR ELBOW WITH TEST POINT

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"

ELBOW RANGE = 4
CONNECTOR = 5
INCLUDE TESTPOINT
ORDER : 235LE45T

REV DATE
2/11/2020

	 HUBBELL® POWER SYSTEMS, INC.		HUBBELL® POWER SYSTEMS, Inc.	
	TITLE ELBOW, 200A 35kV LOADBREAK			
CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.	SIZE SB	DWG NO. --	CAT / PART / ASSY NO. 235LExxx	REV 1
	DO NOT SCALE THIS DRAWING		DRN BY BvB	DATE 2/11/2020