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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

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
10/20/2020

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	TITLE ELBOW, 200A 35kv LOADBREAK		
SIZE SB	DWG NO. --	CAT / PART / ASSY NO. 235LExxx	REV 2
DO NOT SCALE THIS DRAWING	DRN BY BvB	DATE 2/11/2020	SHEET 1 OF 1

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).

