



**NOTES**  
UNLESS OTHERWISE SPECIFIED:  
1. ALL DIMENSIONS IN INCHES AND [MILLIMETERS]  
2. DECIMAL DIMENSIONS TO X.XX = ± .25"  
3. DECIMAL DIMENSIONS TO X.XXX = ± .125"  
4. FRACTIONAL DIMENSIONS TO BE ± 1/8"  
5. ANGLES TO BE ± 2"

**SWITCH RATINGS**

MAXIMUM VOLTAGE: 27kV  
B.I.L. RATING: 150kV  
POWER FREQUENCY: 60HZ  
CONTINUOUS CURRENT: 900A-RMS (IEEE-C37.30.1-2022)  
FAULT CLOSE: 20KA RMS-ASYMETRICAL, 5X  
MOMENTARY CURRENT: 33.0KA, 10 CYCLES  
12.5KA, 3 SECONDS  
SWITCHING CURRENT CAPABILITIES:  
LOADBREAK CURRENT: 900A-RMS  
PARALLEL BREAK CURRENT: 900A-RMS  
CABLE CHARGING CURRENT: 25A-RMS  
LINE CHARGING CURRENT: 5A-RMS  
EARTH FAULT SWITCHING CURRENT: 78A-RMS  
MECHANICAL CYCLE LIFE: 1000 OPERATIONS  
ELECTRICAL CYCLE LIFE: 1000 OPERATIONS  
SWITCH LIFTING WEIGHT: 935 LBS.

SWITCH DEADEND LOADING		
XARM TYPE	UNEQUAL	EQUAL
HEAVY DUTY STL	3,000 # / PHASE	12,000 # / PHASE

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SWITCH DESCRIPTION		CONSTRUCTION DRAWING	
SWITCH# VD29SSUGM23P4S, VD29SSUGX23P4S LineBOSS-VX-VA, 25Kv, 900A IEEE-IEC.		DATE: 03/24/26	SCALE: NTS
INSTALLATION OF GANG OPERATED VACUUM BOTTLE (GOVB), W/ DISCONNECT, CURRENT/VOLTAGE SENSING, MSO OPERATED CONTROL		DRAWING NO. <b>9763-04</b>	REVISION NO. <b>00</b>

REV. #	EC#	REVISION DESCRIPTION	DATE	BY
00	00	INITIAL RELEASE	03/24/26	BC

**REVISIONS**