



SWITCH SPECIFICATIONS

CATALOG #: ERG29D-2
 VOLTAGE CLASS: 25.8kV
 B.I.L. RATING: 150kV
 CONTINUOUS CURRENT: 900A-RMS (IEEE C37.30.1-2022)
 MOMENTARY CURRENT: 40,000 AMP, 10 CYCLES
 25,000 AMP, 3 SECONDS
 CONDUCTOR RANGE ACSR: 397.5 - 795
 CLAMPING RANGE: 0.72" TO 1.11"
 ULTIMATE STRENGTH: 15,000 LBS (BODY)
 6,000 LBS (PULLING EYE)
 BODY/KEEPER MATERIAL: A356-T6 ALUMINUM ALLOY
 SWITCH LIFTING WEIGHT: 36 POUNDS

INSTALLATION INSTRUCTIONS:

1. HANG IN-LINE ERGO DISCONNECT ON CONDUCTOR WIRE USING THE HANGER.
2. VERIFY WAX IS ON THE KEEPER TO PREVENT GALLING. SEE DETAIL "A" FOR LOCATION.
3. SECURE THE IN-LINE ERGO DISCONNECT USING THE KEEPER. TORQUE TO 40-45 FT-LBS.
4. CUT CONDUCTOR WIRE.
5. BEND BACK AND SECURE CONDUCTOR WIRE OUT OF THE WAY.
6. OPERATE DISCONNECT OPEN AND CLOSED. VERIFY THE BLADE OPENS FULLY IN THE OPEN POSITION AND LATCHES SECURELY IN THE CLOSED POSITION.

REV.#	ECG#	REVISION DESCRIPTION	DATE	BY
01	10217	REVISED SWITCH SPECIFICATIONS	06/04/25	OS
00	10181	INITIAL RELEASE	05/16/25	JG

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SWITCH DESCRIPTION	CONSTRUCTION DRAWING
SINGLE ERGONOMIC IN-LINE/DISCONNECT SWITCH, 25.8kV, 900A, 150kV B.I.L. RATING, SILICONE INSULATOR, UNDERARM INSTALL	DATE: 06/16/25 SCALE: NTS DRAWN BY: JG DRAWING NO. 10315-29-2M REVISION NO. 01