



### SWITCH SPECIFICATIONS

- 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.

CATALOG #: ERG19D-1  
 VOLTAGE CLASS: 15.5KV  
 B.I.L. RATING: 110KV  
 CONTINUOUS CURRENT: 900A-RMS (IEEE C37.30.1-2022)  
 MOMENTARY CURRENT: 40,000 AMP, 10 CYCLES  
 25,000 AMP, 3 SECONDS  
 CONDUCTOR RANGE ACSR: #4 - 336.4  
 CLAMPING RANGE: 0.25" TO 0.72"  
 ULTIMATE STRENGTH: 15,000 LBS (BODY)  
 6,000 LBS (PULLING EYE)  
 BODY/KEEPER MATERIAL: A356-T6 ALUMINIUM ALLOY  
 SWITCH LIFTING WEIGHT: 30 POUNDS

01	10217	REVISED SWITCH SPECIFICATIONS	06/04/25	OS	
00	10181	INITIAL RELEASE	05/16/25	TK	
REV.#	ECG#	REVISION DESCRIPTION	DATE	BY	
THIS IS A PROPRIETARY AND CONFIDENTIAL DOCUMENT OF MACLEAN POWER SYSTEMS, STOCKTON CA. THIS DOCUMENT CANNOT BE COPIED IN WHOLE OR IN PART WITHOUT THE EXPRESS PERMISSION OF MACLEAN POWER SYSTEMS. THE DOCUMENT IS PROTECTED BY US FEDERAL COPYRIGHT LAW.					



SWITCH DESCRIPTION		CONSTRUCTION DRAWING	
SINGLE ERGONOMIC IN-LINE DISCONNECT SWITCH, 15.5KV, 900A, 110KV B.I.L. RATING, SILICONE INSULATOR, UNDERARM INSTALL		DATE: 06/16/25	SCALE: NTS
		DRAWING NO. 10315-19-1M	DRAWN BY: TK
			REVISION NO. 01