

1.0 SCOPE

This specification covers single-phase, hook stick operated, 600-Amp disconnect switches for use in overhead applications up to 15 kV.

2.0 APPLICABLE PUBLICATIONS AND STANDARDS

The disconnect switches in this specification shall meet and/or exceed all requirements of the latest editions of the standards listed below. The switches shall further meet and/or exceed those applicable standards not stated herein but referenced by the below standards.

- 2.1. ANSI/IEEE C37.30.1 – Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V
- 2.2. ASTM A153 – Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

3.0 PRODUCT REQUIREMENTS

3.1. Switch shall be suitable for installation on mounting assembly or on single, double or heavy duty crossarms using a full backup plate. Provisions shall be provided for 90° and 150° positive blade stop. Switch shall include gray composite polymer silicone post insulators, NEMA two-hole tin plated copper terminal pads, and loadbuster hooks.

3.2. Disconnect Switch Technical Specifications

- 3.2.1. One-pole
- 3.2.2. Stick operated
- 3.2.3. Serrated galvanized steel base with deadending holes and full mounting plate with (4) 3/8" x 8" minimum length carriage bolts
- 3.2.4. Voltage rating (continuous): 15 kV
- 3.2.5. Current rating (continuous): 600 Amps
- 3.2.6. Current rating (momentary, min. RMS): 40,000 Amps
- 3.2.7. BIL: 110 kV BIL
- 3.2.8. Includes combination blade latch and pryout.