



15.5 kV, 110 kV BIL, 900 A, Polymer (2 1/4" Bolt Circle) insulation, M3 Switch

By CHANCE Utility
Catalog # M3H96BCLR

14.4kV, 110kV, 900 A, Single-Phase Hookstick Disconnect Switch.



*Representative Image

Features

- Fully Compliant with ANSI/IEEE C37.30.1
- 15, 27 & 38kV Voltage Classes
- 110, 125, 150, 200kV BIL Insulation Levels
- 600A & 900A Current Ratings
- Porcelain and ESP Polymer Insulator Assemblies with 2.25" Bolt Circles
- Distribution Base, Serrated Slots

General

Base Type	Distribution Base, Smooth Slots
Blade Type	Solid Copper (two blade truss-member)
Cantilever Bending Strength - Routine	1,200 Lbs (5.34 kN)
Color - Insulator	Dark Gray
Contact	Silver
Description - Captive Hardware	Consist of 4 each: 1/2" 13 Stainless Steel Splined Bolt, 1/2" Lockwasher and Bronze Nut
Insulator Type	Polymer (2 1/4" Bolt Circle)
Material - Base	Galvanized Steel per ASTM A153
Tension Range	5000 lb
Torsional Strength	3,000 in Lbs (339 N-M)

Dimensions

Bolt Length	8.00 in
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Electrical Ratings

Arc Distance - Dry BIL	7.1" (180.3mm)
Creep and Leakage Distance	17.2" (436.9mm)
Current Overload - 8hr Emergency	1620 A
Current Rating	900 A
Dead-Ending Rating - Working Load	8,000 Lbs
Reference Voltage Limit - Minimum	14.4kV
Temperature Rise - Max. at 900A	46.7°C
Voltage - Maximum	15.5 kV
Withstand Current - Short Time (10 cycles)	40kA, asymmetrical
Withstand Current - Short Time (2 sec)	25kA, symmetrical
Withstand Current - Short Time (3 sec)	16kA, symmetrical

Certifications and Compliance

Industry Standard(s)	All Applicable ANSI/IEEE Standards
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Logistics

Standard Package	1
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Product Assets

- [Catalogs - Hookstick Operated Switches \(CA10230E_14B\)](#)
- [Installation Manuals - M3_Instructions](#)
- [Literature - SA-M3D_C](#)
- [Sales Drawings - Type M3 Switch \(SA-M3D\)](#)



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