CHANCE®

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

By CHANCE Utility
Catalog # M3D96BR

15kV, 110kV BIL, 900 A, Single-Phase Hookstick Disconnect Switch, ESP insulators, 10" carriage bolts.

*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
- Load Break Option Available

General

Base Type	Distribution Base, Serrated 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
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

Electrical Ratings

Arc Distance - Dry	7.1" (180.3mm)
BIL	110 kV
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
Temperature Rise - Max. at 900A	46.7°C
Voltage - Maximum	15 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

Logistics

Pallet Quantity	42 EA
Standard Package	1

Product Assets

Catalogs - Hookstick Operated Switches (CA10230E_14B)
Installation Manuals - Instructions for CHANCE Type M3 Distribution Switch (P807-0198)
Installation Manuals - Type M3C Single Insulator Disconnect Switch for Distribution Switching (PSP8070357)
Installation Manuals - M3_Instructions
Literature - SA-M3D_C
Sales Drawings - Type M3 Switch (SA-M3D)

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