CHANCE®

15.5 kV, 110 kV BIL, 600 A, Porcelain (2 1/4″ Bolt Circle) insulation, M3 Switch

By CHANCE Utility
Catalog # M3D62ALP

14.4kV, 110kV, 600 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
- 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	Sky Gray
Contact	Silver
Description - Terminal Connectors	2 - Teminal Connectors (ATC1343, #2 - 500kcmil) w/ galvanized hardware
Insulator Type	Porcelain (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)
UPC	096359388845

Dimensions

Bolt Length	10.00 in
Weight	36.75 lb

Electrical Ratings

Arc Distance - Dry	6″ (152.4mm)
BIL	110 kV
Creep and Leakage Distance	10.5″ (266.7mm)
Current Overload - 8hr Emergency	1080 A
Current Rating	600 A
Dead-Ending Rating - Working Load	8,000 Lbs
Reference Voltage Limit - Minimum	14.4kV
Temperature Rise - Max. at 600A	28°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

Logistics

Pallet Quantity	42
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)