



# 38 kV, 150 kV BIL, 600 A, Polymer (2 1/4" Bolt Circle) insulation, M3 Switch

By CHANCE Utility  
Catalog # M3H68APR

34.5kV, 150kV, 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

## General

Base Type	Distribution Base, Smooth Slots
Blade Type	Solid Copper (two blade truss-member)
Cantilever Bending Strength - Routine	800 Lbs (3.56 kN)
Color - Insulator	Dark Gray
Contact	Silver
Description - Terminal Connectors	2 - Terminal Connectors (ATC1343, #2 - 500kcmil) w/ galvanized hardware
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)
UPC	096359408420

## Dimensions

Bolt Length	10.00 in
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## Electrical Ratings

Arc Distance - Dry	10" (254mm)
BIL	150 kV
Creep and Leakage Distance	28.2" (716.3mm)
Current Overload - 8hr Emergency	1080 A
Current Rating	600 A
Dead-Ending Rating - Working Load	8,000 Lbs
Reference Voltage Limit - Minimum	34.5kV
Temperature Rise - Max. at 600A	28°C
Voltage - Maximum	38 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

Pallet Quantity	20
Standard Package	1

## Product Assets

- [Catalogs - Hookstick Operated Switches \(CA10230E\\_14B\)](#)
- [Installation Manuals - M3\\_Instructions](#)
- [Literature - SA-M3D\\_C](#)
- [Sales Drawings - Type M3 Switch \(SA-M3D\)](#)
- [Technical Solutions - CH-M3H68APR-SPEC-EN](#)



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