



# 38 kV, 150 kV BIL, 900 A, Polymer (2 1/4" Bolt Circle) insulation, M3 Switch

By CHANCE Utility  
Catalog # M3D98AC

38kV, 150kV 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 | 800 Lbs (3.56 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)  |
| UPC                                   | 096359458418  |

## Dimensions

|             |          |
|-------------|----------|
| Bolt Length | 10.00 in |
|-------------|----------|

## Electrical Ratings

|  |                    |
|--|--------------------|
| Arc Distance - Dry                         | 10" (254mm)        |
| BIL  | 150 kV             |
| Creep and Leakage Distance                 | 28.2" (716.3mm)    |
| 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                          | 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 |
|----------------------|------------------------------------|

## Logistics

|                  |       |
|------------------|-------|
| Pallet Quantity  | 16 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 \(SA-M3D\)](#)
- [Technical Solutions - CH-M3D98AC-SPEC-EN](#)



