



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

By Chance  
Catalog # [M3D94ACLR](#)

34.5kV, 150kV, 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
- 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 (3.56kN)  |
| Catalog Number                        | M3D94ACLR   |
| Color - Insulator                     | Sky 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                        | 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)  |

## Dimensions

|             |       |
|-------------|-------|
| Bolt Length | 10 in |
|-------------|-------|

## Electrical Ratings

|  |                    |
|--|--------------------|
| Arc Distance - Dry                         | 10" (254mm)        |
| BIL  | 150 kV             |
| Creep and Leakage Distance                 | 24" (609.6mm)      |
| Current Overload - 8hr Emergency           | 1620 A             |
| Current Rating                             | 900 A              |
| Dead-Ending Rating - Working Load          | 8,000 Lbs          |
| Reference Voltage Limit - Minimum          | 34.5kV             |
| 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](#)
- [Installation Manuals - Type M3C Single Insulator Disconnect Switch for Distribution Switching](#)
- [Installation Manuals - Instructions for CHANCE Type M3 Distribution Switch](#)
- [Literature - SA-M3D\\_C](#)
- [Sales Drawings - Type M3 Switch](#)



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