CHANCE®

# 27 kV, 125 kV BIL, 600 A, Porcelain (2 1/4" Bolt Circle) insulation, M3 Switch

By Chance
Catalog # M3H63BPR

25 kV, 125kV, 600 A, Single-Phase Hookstick Disconnect Switch.

## 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 | 1,000 Lbs (4.45kN) |
| Catalog Number | M3H63BPR |
| 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) |

## Dimensions

| | |
|---|---|
| Bolt Length | 8 in |

## Electrical Ratings

| | |
|---|---|
| Arc Distance - Dry | 8.1" (205.7mm) |
| BIL | 125 kV |
| Creep and Leakage Distance | 15.5" (394mm) |
| Current Overload - 8hr Emergency | 1080 A |
| Current Rating | 600 A |
| Dead-Ending Rating - Working Load | 8,000 Lbs |
| Reference Voltage Limit - Minimum | 25 kV |
| Temperature Rise - Max. at 600A | 27°C |
| Voltage - Maximum | 27 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

| | |
|---|---|
| Standard Package | 1 |

## Product Assets

Catalogs - Hookstick Operated Switches
Literature - SA-M3D_C
Sales Drawings - Type M3 Switch
Specifications - M3H63BPR



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