



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

By CHANCE Utility
Catalog # M3H63ACR

25 kV, 125kV, 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 | 1,000 Lbs (4.45kN) |
| 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) |
| UPC | 096359468035 |

Dimensions

| | |
|-------------|----------|
| Bolt Length | 10.00 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 \(CA10230E_14B\)](#)
- [Installation Manuals - M3_Instructions](#)
- [Literature - SA-M3D_C](#)
- [Sales Drawings - Type M3 Switch \(SA-M3D\)](#)
- [Technical Solutions - CH-M3H63ACR-SPEC-EN](#)



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