

15.5 kV, 110 kV BIL, 900 A, Polymer (2 1/4" Bolt Circle) insulation, M3 Switch

By Chance Catalog # M3H96BPR

14.4kV, 110kV, 900 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

Connectors

Catalog Number M3H96BPR
Color - Insulator Dark Gray
Contact Silver

Contact Silver

Description - Terminal 2 - Teminal Connectors

(ATC1343, #2 - 500kcmil) w/galvanized hardware

1,200 Lbs (5.34 kN)

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)

Dimensions

Bolt Length 8 in

Electrical Ratings

Arc Distance - Dry 7.1" (180.3mm)
BIL 110 kV

Creep and Leakage Distance 17.2" (436.9mm)

Current Overload - 8hr 1620 A

Emergency

Current Rating 900 A

Dead-Ending Rating - Working 8,000 Lbs

Load

Reference Voltage Limit - 14.4kV

Minimum

Temperature Rise - Max. at 46.7°C

900A

Voltage - Maximum 15.5 kV

Withstand Current - Short Time 40kA, asymmetrical

(10 cycles)

Withstand Current - Short Time 25kA, symmetrical

(2 sec)

Withstand Current - Short Time 16kA, symmetrical

(3 sec)

Certifications And Compliance

Industry Standard(s) All Applicable ANSI/IEEE

Standards

Logistics

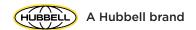
Standard Package 1

Product Assets

Catalogs - Hookstick Operated Switches

Literature - SA-M3D_C

Sales Drawings - Type M3 Switch



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