CHANCE®

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

By Chance
Catalog # M3H94ALPR

34.5kV, 150kV, 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	800 Lbs (3.56kN)
Catalog Number	M3H94ALPR
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	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

Standard Package	1

Product Assets

Catalogs - Hookstick Operated Switches
Literature - SA-M3D_C
Sales Drawings - Type M3 Switch
Specifications - M3H94ALPR

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