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Product Datasheet

CHANCE

M3D94A -- M3 Switch



34.5kV, 150kV, 900 A, Single-Phase Hookstick Disconnect Switch

Product Specifications

Overhead Product	Single Phase - Distribution Disconnect Switch (Crossarm Mounted)
Voltage(BIL)	35kV (150kV)
Rated Current	900 A
Insulator Type	Porcelain (2 1/4" Bolt Circle)
Base Type	Distribution Base, Serrated Slots
Carriage Bolt Length	10" (254 mm)
Captive Hardware	No
Terminal Connectors (ATC 1343)	No
Open Position Latch (160° Opening)	No
Bypass Studs	No
Nominal Voltage	34.5kV
Maximum System Voltage	38kV
BIL (LIW)	150kV
Rated 60 Htz Withstand; Dry (Wet)	70kV (60kV)
Maximum 60 Htz Withstand; Dry (Wet)	101kV (---)
Continuous Current Rating	900 A
8hr Emergency Overload	1620 A
Momentary Current Rating	40kA, asymmetrical
Short Time Withstand Current (2 sec)	25kA, symmetrical
Short Time Withstand Current (3 sec)	16kA, symmetrical
Maximum Temperature Rise @ 900A	46.7°C
Insulator Color	Sky Gray
Leakage Distance (Insulator)	24" (609.6mm)
Dry Arcing Distance (Insulator)	10" (254mm)

Cantilever (Insulator)	800 Lbs (3.56kN)
Tension (Insulator)	5000 Lbs (22.24kN)
Torsion (Insulator)	3,000 in Lbs (339 N-M)
Compression (Insulator)	5,000 Lbs (22.24kN)
Base Material	Galvanized Steel per ASTM A153
Base Description	Distribution Base, Serrated Slots with four 3/8" Carriage Bolts and backstrap
Dead-ending (Working Load)	8,000 Lbs
Blade(s)	Solid Copper (two blade truss-member)
Hinge(s)	Silver / Silver
Contact(s)	Silver / Silver
Terminal Pads	NEMA two-hole, Tin-plated Copper
Governing Standards	All Applicable ANSI/IEEE Standards
Drawing	Click HERE to view drawing of switch
Crated Weight	43.74 lbs
Material Type	Non-Standard
Standard Package	1
Standard Package Unit	Each
Min Order Qty	1
Weight / Ea.	43.737 lbs

Compressed Product Number

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