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Product Datasheet

CHANCE

M3D63BP -- M3 Switch



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

Product Specifications

Overhead Product	Single Phase - Distribution Disconnect Switch (Crossarm Mounted)
Voltage(BIL)	25kV (125kV)
Rated Current	600 A
Insulator Type	Porcelain (2 1/4" Bolt Circle)
Base Type	Distribution Base, Serrated Slots
Carraige Bolt Length	8" (203 mm)
Captive Hardware	No
Terminal Connectors (ATC 1343)	Yes
Open Position Latch (160° Opening)	No
Bypass Studs	No
Nominal Voltage	25 kV
Maximum System Voltage	27kV
BIL (LIW)	125kV
Rated 60 Htz Withstand; Dry (Wet)	50kV (45kV)
Maximum 60 Htz Withstand; Dry (Wet)	87kV (62kV)
Continuous Current Rating	630 A
8hr Emergency Overload	1080 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 @ 600A	27°C
Insulator Color	Sky Gray
Leakage Distance (Insulator)	15.5" (394mm)
Dry Arcing Distance (Insulator)	8.1" (205.7mm)

Cantilever (Insulator)	1,000 Lbs (4.45kN)
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
Terminal Connector Description	2 - Terminal Connectors (ATC1343, #2 - 500kcmil) w/ galvanized hardware
Governing Standards	All Applicable ANSI/IEEE Standards
Drawing	Click HERE to view drawing of switch
Crated Weight	44.69 lbs
Material Type	Non-Standard
UPC Code	09635904580
Standard Package	1
Standard Package Unit	Each
Min Order Qty	1
Weight / Ea.	44.688 lbs

Compressed Product Number

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