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Product Datasheet

CHANCE

M3D66AP -- M3 Switch



14.4kV, 110kV, 600 A, Single-Phase Hookstick Disconnect Switch

Product Specifications

Overhead Product	Single Phase - Distribution Disconnect Switch (Crossarm Mounted)
Voltage(BIL)	15kV (110kV)
Rated Current	600 A
Insulator Type	ESP™ Polymer (2 1/4" Bolt Circle)
Base Type	Distribution Base, Serrated Slots
Carriage Bolt Length	10" (254 mm)
Captive Hardware	No
Terminal Connectors (ATC 1343)	Yes
Open Position Latch (160° Opening)	No
Bypass Studs	No
Nominal Voltage	14.4kV
Maximum System Voltage	15.5kV
BIL (LIW)	110kV
Rated 60 Htz Withstand; Dry (Wet)	38kV (30kV)
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	29°C
Insulator Color	Dark Gray
Leakage Distance (Insulator)	17.2" (436.9mm)
Dry Arcing Distance (Insulator)	7.1" (180.3mm)
Cantilever (Insulator)	1,200 Lbs (5.34 kN)

Tension (Insulator)	5,000 Lbs (22.24 kN)
Torsion (Insulator)	3,000 in Lbs (339 N-M)
Compression (Insulator)	5,000 Lbs (22.24 kN)
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	24.5 lbs
Material Type	Non-Standard
UPC Code	09635936309
Standard Package	1
Standard Package Unit	Each
Min Order Qty	1
Weight / Ea.	24.5 Lbs

Compressed Product Number

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