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**Product Datasheet**

**CHANCE**

**M3D66BCL -- M3 Switch**



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

**Product Specifications**

<b>Overhead Product</b>	Single Phase - Distribution Disconnect Switch (Crossarm Mounted)
<b>Voltage(BIL)</b>	15kV (110kV)
<b>Rated Current</b>	600 A
<b>Insulator Type</b>	ESP™ Polymer (2 1/4" Bolt Circle)
<b>Base Type</b>	Distribution Base, Serrated Slots
<b>Carriage Bolt Length</b>	8" (203 mm)
<b>Captive Hardware</b>	Yes
<b>Terminal Connectors (ATC 1343)</b>	No
<b>Open Position Latch (160° Opening)</b>	Yes
<b>Bypass Studs</b>	No
<b>Nominal Voltage</b>	14.4kV
<b>Maximum System Voltage</b>	15.5kV
<b>BIL (LIW)</b>	110kV
<b>Rated 60 Htz Withstand; Dry (Wet)</b>	38kV (30kV)
<b>Continuous Current Rating</b>	630 A
<b>8hr Emergency Overload</b>	1080 A
<b>Momentary Current Rating</b>	40kA, asymmetrical
<b>Short Time Withstand Current (2 sec)</b>	25kA, symmetrical
<b>Short Time Withstand Current (3 sec)</b>	16kA, symmetrical
<b>Maximum Temperature Rise @ 600A</b>	29°C
<b>Insulator Color</b>	Dark Gray
<b>Leakage Distance (Insulator)</b>	17.2" (436.9mm)
<b>Dry Arcing Distance (Insulator)</b>	7.1" (180.3mm)

<b>Cantilever (Insulator)</b>	1,200 Lbs (5.34 kN)
<b>Tension (Insulator)</b>	5,000 Lbs ( 22.24 kN)
<b>Torsion (Insulator)</b>	3,000 in Lbs (339 N-M)
<b>Compression (Insulator)</b>	5,000 Lbs (22.24 kN)
<b>Base Material</b>	Galvanized Steel per ASTM A153
<b>Base Description</b>	Distribution Base, Serrated Slots with four 3/8" Carriage Bolts and backstrap
<b>Dead-ending (Working Load)</b>	8,000 Lbs
<b>Blade(s)</b>	Solid Copper (two blade truss-member)
<b>Hinge(s)</b>	Silver / Silver
<b>Contact(s)</b>	Silver / Silver
<b>Terminal Pads</b>	NEMA two-hole, Tin-plated Copper
<b>Captive Hardware Description</b>	Consist of 4 each: 1/2" 13 Stainless Steel Splined Bolt, 1/2" Lockwasher and Bronze Nut
<b>Governing Standards</b>	All Applicable ANSI/IEEE Standards
<b>Drawing</b>	Click <a href="#">HERE</a> to view drawing of switch
<b>Crated Weight</b>	26.46 lbs
<b>Material Type</b>	Non-Standard
<b>UPC Code</b>	09635939823
<b>Standard Package</b>	1
<b>Standard Package Unit</b>	Each
<b>Min Order Qty</b>	1
<b>Weight / Ea.</b>	26.46 lbs

### Compressed Product Number

M3D66BCL

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