



**Product Datasheet**

**CHANCE**

**M3H67BCLR -- M3 Switch**



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

**Product Specifications**

<b>Overhead Product</b>	Single Phase - Distribution Disconnect Switch (Crossarm Mounted)
<b>Voltage(BIL)</b>	25kV (125kV)
<b>Rated Current</b>	600 A
<b>Insulator Type</b>	ESP™ Polymer (2 1/4" Bolt Circle)
<b>Base Type</b>	Distribution Base, Smooth Slots
<b>Carraige 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>	Yes
<b>Nominal Voltage</b>	25 kV
<b>Maximum System Voltage</b>	27kV
<b>BIL (LIW)</b>	125kV
<b>Rated 60 Htz Withstand; Dry (Wet)</b>	50kV (45kV)
<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>	28°C
<b>Insulator Color</b>	Dark Gray
<b>Leakage Distance (Insulator)</b>	21.9" (556.3mm)
<b>Dry Arcing Distance (Insulator)</b>	21.9" (556.3mm)
<b>Cantilever (Insulator)</b>	8.1" (205.7mm)
<b>Tension (Insulator)</b>	1,000 Lbs (4.45kN)

<b>Torsion (Insulator)</b>	5000 Lbs ( 22.24kN)
<b>Compression (Insulator)</b>	3,000 in Lbs (339 N-M)
<b>Base Material</b>	Galvanized Steel per ASTM A153
<b>Base Description</b>	Distribution Base, Smooth Slots with four 1/2" 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>	38.88 lbs
<b>Material Type</b>	Non-Standard
<b>UPC Code</b>	09635935857
<b>Standard Package</b>	1
<b>Standard Package Unit</b>	Each
<b>Min Order Qty</b>	1
<b>Weight / Ea.</b>	38.877 lbs

### Compressed Product Number

M3H67BCLR

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