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Product Datasheet

CHANCE

M3D66B -- 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 | 8" (203 mm) |
| Captive Hardware | No |
| Terminal Connectors (ATC 1343) | No |
| 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 |
| Governing Standards | All Applicable ANSI/IEEE Standards |
| Drawing | Click HERE to view drawing of switch |
| Crated Weight | 23.29 lbs |
| Material Type | Standard |
| UPC Code | 09635932117 |
| Standard Package | 1 |
| Standard Package Unit | Each |
| Min Order Qty | 1 |
| Weight / Ea. | 23.285 lbs |

Compressed Product Number

M3D66B

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