

NOARK

# M6D10004

switch-disconnector MCS - 1101866 - 80% rated - UL489 - M6 frame - 4P4d - 1000A rated - busbar connections - 600Vac

Front-operated toggle moulded case switch-disconnector (MCS) - 80% rated - non-fusible - UL489 listed - NOARK (Ex9M6D series) - 4-poles (4P4d) - Rated current 1000A - Interrupting capacity 65kA (480Vac) - Term. nut kit (for fixed busb. connection) on both line and load sides - equivalent to 1101866

## Additional information

The technical information provided in the datasheet is subject to change without notice. For confirmation, please contact NOARK's product support team.

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Switch-disconnector |
| **Product series / family name** | Electrical protection > Disconnector switches > AC non-automatic Moulded Case Switches (MCS) |
| **Sub-range name** | Ex9M6D series |
| **Functions** | Front-operated toggle moulded case switch-disconnector (MCS) |
| **Design** | 80% rated<br>non-fusible |
| **Poles** | 4-poles (4P4d) |
| **Rated current** | 1000A |
| **Rated operating voltage (Ue)** | (IEC) 690 V |
| **Rated voltage (AC)** | 600Vac (50/60Hz) |
| **Rated impulse voltage (Uimp)** | 8 kV |
| **Rated insulation voltage (Ui)** | 800 V |
| **Connection type** | Term. nut kit (for fixed busb. connection) on both line and load sides |
| **Cross-section** | connects with #3/0AWG (000)...600kcmil / 95mm2...300mm2 conductors (3-hole lugs) or #3/0AWG (000)...500kcmil / 95mm2...240mm2 conductors (4-hole lugs) |
| **Short circuit breaking rating** | 100kA (240Vac)<br>65kA (480Vac)<br>42kA (600Vac) |

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|---|---|
| **Ultimate short circuit current breaking capacity (Icu)** | 85kA (220/240Vac)<br>85kA (380/415Vac)<br>30kA (660/690Vac) |
| **Service short circuit current breaking capacity as a percentage of Icu (Ics%)** | 100 % |
| **Protection settings** | Magnetic instantaneous protection against short-circuit -- fixed at 15000A |
| **Dimensions** | H450mm x W280mm x D167.6mm<br>H17.72" x W11.43" x D6.6" |
| **Utilisation category** | A |
| **Order code / Manufacturer SKU** | M6D10004<br>1101866 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1101866 |
| **Compliant with standard(s)** | UL489 listed<br>UL489 listed (file number E355396)<br>CSA C22.2 No.5<br>IEC/EN 60947-2<br>CE marking<br>RoHS compliant |
| **Electrical durability** | 500 hours |
| **Mechanical durability** | 3000 hours |

## Benefits

NOARK Electric offers a complete range of Molded Case Switches in 6 frame sizes M1 (150A), M2 (250A), M3 (400A), M4 (600A), M5 (800A) and M6 (1200A).
Each frame size offers a range of interrupting voltage ratings from 240-690Vac and 250-600Vdc.
They are only used for magnetic protection applications mainly as supply circuit protection and emergency-off disconnect switches.

The Ex9 Series-M conforms to global standards
- UL 489
- CSA C22.2 No 5
- IEC 60947-2.

The Ex9 Series-M offers
- Instantaneous trip ability and a new patented arc extinguishing design
- New patented technology reduces the manual operating force
- High-quality compact modular with energy saving and environmentally friendly design
- Installation flexibility - Lug Line/Load Side Connection / Rear Connection

Wide range of accessories
- Alarm Switch and Auxiliary Contact

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- Shunt and Undervoltage Trip
- Interlock
- NEMA and ICE Type Rotary Handle
- NEMA Type Flange Handle
- Motor Operator

## Documents

NOARK - MCCB MCP MCS Ex9 series-M - Catalog.pdf

Access to all NOARK drawings

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