NOARK

M6N800E3

MCCB - 1101838 - Electronic (LSIG) - 80% rated - UL489 - M6 frame - 3P3d - 800A rated - busbar connections - 600Vac

#phasing-out - Moulded Case Circuit Breaker (MCCB) - 80% rated - UL489 listed - NOARK (Ex9M6 series) - 3-poles (3P3d) - Rated current 800A - Interrupting capacity 65kA (480Vac) - Term. nut kit (for fixed busb. connection) on both line and load sides - Electronic (Series 4.0 (LSIG)) trip unit - equivalent to 1101838

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

Primary brand	NOARK
Main function	Moulded Case Circuit Breaker (MCCB)
Product series / family name	Electrical protection > Circuit breakers > AC Moulded Case Circuit Breakers (MCCBs)
Sub-range name	Ex9M6 series
Functions	Moulded Case Circuit Breaker (MCCB)
Design	80% rated
Poles	3-poles (3P3d)
Rated current	800A
Trip current rating	800 AT
Frame current rating	1200 AF
Rated operating voltage (Ue)	(IEC) 690 V
Rated voltage (AC)	600Vac
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

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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) 65kA (480Vac) 42kA (600Vac)
Ultimate short circuit current breaking capacity (Icu)	85kA (220/240Vac) 85kA (380/415Vac) 30kA (660/690Vac)
Trip unit type	Technology = Electronic Series = Series 4.0 (LSIG) Protection = LSIG
Protection functions	L (Long-time protection) S (Short-time protection with fixed time delay) I (Instantaneous protection) G (Ground fault protection)
Protection settings	L - Protection against overload -- adjustable 0.4...1 x In (320A...800A) (with 3...18s adjustable time setting at 6 x Ir) S - Protection against short-circuit with time delay -- adjustable 1.5...10 x Ir (480A...8000A) (0.1...0.4s time delay) I - Instantaneous protection against short-circuit -- adjustable 2...12 x In (1600A...9600A) G - Protection against earth fault -- adjustable at 0.4...1 x In (320A...800A) (0.1...0.4s time delay)
Dimensions	H450mm x W210mm x D167.6mm H17.72" x W8.27" x D6.6"
Ambient air temperature for operation	-25˚C...+70 ˚C
Utilisation category	A
Order code / Manufacturer SKU	M6N800E3 1101838
Manufacturer product status	Phasing out
Equivalent to	1101838
Compliant with standard(s)	UL489 listed UL489 listed (file number E355392) CSA C22.2 No.5 IEC/EN 60947-2 CE marking RoHS compliant
Electrical durability	500 hours
Mechanical durability	3000 hours

Benefits

Ex9M series offers

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- High-breaking capacity and a patented arc extinguishing design
- Bearing-type spindle reduces the operating force required to open and close the operating mechanism
- High quality compact modular design
- Fixed and adjustable trip unit settings
- Line and load lugs installed standard
- 5-Year limited warranty

Certifications
- UL 489 listed File Number E355392
- UL listed to UL489 and Canada CSA standards 22.2 No. 5
- IEC/EN 60947-2
- CE Compliant
- UL489B, File Number E513573

Wide range of accessories
- Alarm switch and auxiliary contact
- Shunt and undervoltage trip
- Rotary type handle
- Flange type handle
- Motor Operator
- Mechanical Interlock

Documents

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

Access to all NOARK drawings

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