

NOARK

M6S800E3W4

MCCB - 1103031 - Electronic (LSIG) - 80% rated - UL489 - 3P3d - 3Ph4W - 800A rated - busbar connections

Moulded Case Circuit Breaker (MCCB) - 80% rated - UL489 listed - NOARK (Ex9M6 3P4W series) - 4-wire 3-phase (3P4W) / 3-poles (3P3d) - Rated current 800A - Interrupting capacity 42kA (480Vac) - busb. connections - Electronic (Series 4.0 (LSIG)) trip unit - equivalent to 1103031

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 3P4W series
Functions	Moulded Case Circuit Breaker (MCCB)
Design	80% rated
Poles	4-wire 3-phase (3P4W) / 3-poles (3P3d)
Frequency	50/60Hz
Rated current	800A
Trip current rating	800 AT
Frame current rating	1200 AF
Connection type	busb. connections
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	42kA (480Vac) 22kA (600Vac)
Trip unit type	Technology = Electronic Series = Series 4.0 (LSIG) Protection = LSIG

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Protection functions	L (Long-time protection with fixed time delay) 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 0.4...1 x In (320A...800A) (with 0.1...0.4s time delay)
Dimensions	H450mm x W220.5mm x D239.9mm H17.72" x W8.68" x D9.44"
Order code / Manufacturer SKU	M6S800E3W4 1103031
Manufacturer product status	Commercialized
Equivalent to	1103031
Compliant with standard(s)	UL489 listed cULus listed

Benefits

- Protects circuit from ground fault, without cutting off the circuit due to faults on neutral

Documents

NOARK - Neutral current sensor M6 3P4W MCCB - Datasheet.pdf

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