

NOARK

M2GH175T3L

MCCB / ELCB - 1102643 - M2 frame - 3P3d - 175A rated - lug connections - 480Vac - 100kA

Molded/Moulded Case Circuit Breaker (MCCB) with embedded earth leakage protection / ELCB - NOARK (Ex9M2G series) - 3-poles (3P3d) - Rated current 175A - Ground fault protection - Interrupting capacity 100kA (480Vac) - Lugs on both load and line sides - Thermal-Magnetic (fixed) (FT/AM (Fixed Thermal / Adjustable Magnetic)) trip unit - equivalent to 1102643

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) with embedded earth leakage protection / ELCB
Product series / family name	Electrical protection > Circuit breakers > AC Moulded Case Circuit Breakers (MCCBs)
Sub-range name	Ex9M2G series
Functions	Molded/Moulded Case Circuit Breaker (MCCB) with embedded earth leakage protection / ELCB
Poles	3-poles (3P3d)
Rated current	175A
Trip current rating	175 AT
Frame current rating	250 AF
Rated voltage (AC)	480Vac
Connection type	Lugs on both load and line sides
Short circuit breaking rating	100kA (240Vac) 100kA (480Vac)
Trip unit type	Technology = Thermal-Magnetic (fixed) Series = FT/AM (Fixed Thermal / Adjustable Magnetic)

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Protection functions	Ground fault protection Fixed thermal protection (Overload) Adjustable threshold magnetic protection (Short-circuit)
Protection settings	Protection against thermal overload -- fixed at 175A Magnetic instantaneous protection against short-circuit -- adjustable 5...10 x In (875A...1750A) Protection against earth fault -- adjustable at 0.03/0.1/0.3/1 x In (5.25/17.5/52.5/175A) (with 0.1/0.3/0.5/1s time delay)
Dimensions	H257mm x W105mm x D88mm H10.12" x W4.13" x D3.47"
Order code / Manufacturer SKU	M2GH175T3L 1102643
Manufacturer product status	Commercialized
Equivalent to	1102643

Benefits

Product Overview
M2G is a 3-pole molded case circuit breaker with equipment ground fault protection.
It operates trip free and can be manually reset.
When the breaker is tripped, the handle moves to the tripped position.
The breaker can be line and load reverse connected.
It is intended to provide overcurrent, short circuit protection and ground fault protection where feed/branch circuit overcurrent protection is required.
It can receive bus bars and/or cables.

Tripping Unit
The breaker is designed to be thermally fixed and be magnetically adjustable from 5 to 10 times the rated current for breakers rated 175 to 250A, and magnetically adjustable from 7 to 12 times for breakers rated 100 to 150 A.
The earth leakage module setting is intended for the protection of equipment

Documents

NOARK - M2G MCCB - Catalog.pdf

Access to all NOARK drawings

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