

NOARK

M3S400EM4L

MCCB - 1103393 - Electronic (LSIG) - UL489 - 4P4d - 400A rated - lug connections - 600Vac - EM LCD trip unit

Moulded Case Circuit Breaker (MCCB) with EM LCD trip unit - UL489 listed - NOARK (Ex9M3E series) - 4-poles (4P4d) - Rated current 400A - Interrupting capacity 42kA (480Vac) - Lugs on both load and line sides - Electronic (Series 4.0 (LSIG)) trip unit - equivalent to 1103393

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	Ex9M3E series
Functions	Moulded Case Circuit Breaker (MCCB)
Design	EM LCD trip unit
Poles	4-poles (4P4d)
Frequency	50/60Hz
Rated current	400A
Trip current rating	400 AT
Frame current rating	400 AF
Rated voltage (AC)	600Vac
Rated impulse voltage (Uimp)	8 kV
Rated insulation voltage (Ui)	800 V
Connection type	Lugs on both load and line sides
Short circuit breaking rating	65kA (240Vac) 42kA (480Vac) 18kA (600Vac)
Trip unit type	Technology = Electronic Series = Series 4.0 (LSIG) Protection = LSIG

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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 OFF/0.4...1 x In (160A...400A) (with 3...18s adjustable time setting at 6 x Ir) (1A step) S - Protection against short-circuit with time delay -- adjustable OFF/1.5...10 x Ir (600A...4000A) (0.1...0.4s time delay) I - Instantaneous protection against short-circuit -- adjustable OFF/2...12 x In (800A...4800A) G - Protection against earth fault -- adjustable at 0.4/0.5/0.6/0.7/0.8/0.9/1 x In (160A...400A) (0.1...0.4s time delay)
Dimensions	H285mm x W185mm x D126mm
Ambient air temperature for operation	-40˚C...+70 ˚C
Utilisation category	B
Order code / Manufacturer SKU	M3S400EM4L 1103393
Manufacturer product status	Commercialized
Equivalent to	1103393
Compliant with standard(s)	UL489 listed UL GB/T 14048.2 IEC/EN 60947-2 CE marking CCC
Electrical durability	1000 hours
Mechanical durability	8000 hours

Benefits

Features
- Compliant with UL489, GB/T 14048.2, IEC/EN 60947-2 standards, with UL, CCC, and CE certifications.
- Equipped with an electronic trip unit (EN Dip Switch / EM LCD), featuring a variety of protective characteristics to adapt to different working conditions.
- Rated working voltage covers AC 240/480/600V, with a rated insulation voltage of 800V, and diverse breaking capacities.
- Suitable for continuous operation at 100%.
- A variety of accessories are available, such as auxiliary alarm switch, shunt trip, under-voltage trip, and motor operator, to meet different requirements.

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