

NOARK

Ex9SN25B1.6A

Thermal-magnetic Manual Motor Starter (MMS) - 1600020 - Ex9SN25 - 1-1.6A setting - class 10A - push-btn. operation

Thermal-magnetic Manual Motor Starter (MMS) / Branch protector - NOARK (Ex9SN25 series) - 1A...1.6A current setting range - Push-btn. operation - 3-poles (3P) - Thermal-Magnetic (adjustable) - IP20 - equivalent to Ex9SN25B16A / 1600020

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	Motor Protection Circuit Breaker (MPCB)
Product series / family name	Industrial controls > Manual Motor Starters (MMSs)
Sub-range name	Ex9SN25 series
Network frequency	50/60 Hz
Functions	Thermal-magnetic Manual Motor Starter (MMS) / Branch protector
Poles	3-poles (3P)
Rated current	1A...1.6A current setting range
Frame current rating	25 AF
Rated power (HP)	1/10HP (240Vac; single-phase; UL) 3/4HP (480Vac; 3-phase; UL) 3/4HP (600Vac; 3-phase; UL)
Rated operating voltage (Ue)	(AC) 230/240 V (AC) 400/415 V (AC) 460/480 V (AC) 575/600 V
Rated impulse voltage (Uimp)	6 kV
Rated insulation voltage (Ui)	(IEC) 690 V (UL/CSA) 600 V
Ultimate short circuit current breaking capacity (Icu)	100kA (400/415Vac) 100kA (690Vac)

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Service short circuit current breaking capacity (Ics)	100kA (400/415Vac) 100kA (690Vac)
Trip unit type	Technology = Thermal-Magnetic (adjustable)
Protection functions	Adjustable thermal protection (Overload) Class 10A Fixed threshold magnetic protection (Short-circuit)
Protection settings	Protection against thermal overload -- 1A...1.6A (adjustable) Magnetic instantaneous protection against short-circuit -- 22.5A
Operating mode	Push-btn. operation
Degree of protection	IP20
Dimensions	H3.6" x W1.75" x D3.74" H91.3mm x W44.5mm x D94.9mm
Ambient air temperature for operation	-4...+131˚F / -20...+55 ˚C
Ambient air temperature for storage	-76...+176˚F / -60...+80 ˚C
Minimum current	1 A
Maximum current	1.6 A
Order code / Manufacturer SKU	Ex9SN25B1.6A 1600020
Manufacturer product status	Commercialized
Equivalent to	Ex9SN25B16A 1600020
Class	10A
Degree of pollution	III
Application type	2000m / 6562ft max. operating altitude

Benefits

Manual motor starters are electromechanical protection devices for the main circuit.
They are used mainly to switch motors manually ON/OFF and protect them fuse less against short circuit and loss-phase.
None-fuss protection with a manual motor starter saves costs, space and ensures a quick reaction under short-circuit condition, by switching off the motor within milliseconds.
Manual motor starter combinations are setup together with contactors and overload relays.
- Available with enclosed coils for protection against particle contamination
- Short-circuit protection
- Disconnect function
- Overload protection
- Loss-phase protection
- Suitable for three and single-phase application

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- Trip-free mechanism
- Clear switch position indication ON/OFF/TRIP
- Lockable handle

Documents

NOARK - Industrial controls - Catalog.pdf

Access to all NOARK drawings

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