

NOARK

Ex9RD25A18

Thermal overload relay (TOR) - 1410027 - Ex9RD - 25A frame - 12-18A setting - class 10A - direct mount

Thermal overload relay (TOR) - NOARK (Ex9RD series) - 12A...18A current setting range - 3-poles (3P) - 1NO+1NC (1 Normally Open + 1 Normally Closed) aux. contacts - Screw-clamp connections - Direct mounting - frame size 25AF - compatible with 9-32A Ex9CD devices - equivalent to 1410027

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	Thermal Overload Relay (TOR)
Product series / family name	Industrial controls > Overload relays
Sub-range name	Ex9RD series
Network frequency	50/60 Hz
Functions	Thermal overload relay (TOR) Automatic / manual reset function Temperature compensation Tripping indicator TEST and STOP pushbutton
Poles	3-poles (3P)
Rated current	12A...18A current setting range Contacts ratings 2.73A rated operating current (at 220Vac; AC-15; aux. contact) 1.58A rated operating current (at 380Vac; AC-15; aux. contact) 0.2A rated operating current (at 220Vdc; DC-13; aux. contact) Matched backup fuse ratings 20A (Class aM fuse) 35 (Class gG fuse)
Rated operating voltage (Ue)	600 V
Connection type	Screw-clamp connections
Protection functions	Adjustable thermal protection (Overload) Class 13A Phase failure protection

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Protection settings	Protection against thermal overload -- 12A...18A (adjustable)
Mounting mode	Direct mounting
Contacts type	1NO+1NC (1 Normally Open + 1 Normally Closed) aux. contacts
Dimensions	frame size 25AF H2.6" x W1.77" x D3.7" H66mm x W45mm x D94mm
Ambient air temperature for operation	-13...+131˚F / -25...+55 ˚C
Technical compatibility with	9-32A Ex9CD devices
Minimum current	12 A
Maximum current	18 A
Order code / Manufacturer SKU	Ex9RD25A18 1410027
Manufacturer product status	Commercialized
Equivalent to	1410027
Compliant with standard(s)	UL listed (file number E353865) IEC/EN 60947-4-1 CE CSA
Class	10A

Benefits

- Rated current up to 630A at 600Vac, 50/60Hz
- Overload protection trip Class 10A
- Phase loss sensitivity
- Temperature compensation from -13 to 131 ˚F (-25 to +55 ˚C)
- Adjustable current setting for overload protection
- Automatic or manual reset selectable
- Trip-free mechanism
- Status indication
- STOP and TEST function
- Direct mount to contactors or 35mm DIN rail mounting base option

Documents

NOARK - Industrial controls - Catalog.pdf

Access to all NOARK drawings

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