

NOARK

Ex9RD93A50

Thermal overload relay (TOR) - 1410034 - Ex9RD - 93A frame - 37-50A setting - class 10A - direct mount

Thermal overload relay (TOR) - NOARK (Ex9RD series) - 37A...50A current setting range - 3-poles (3P) - 1NO+1NC (1 Normally Open + 1 Normally Closed) aux. contacts - Screw-clamp connections - Direct mounting - frame size 93AF - compatible with 40-95A Ex9CD devices - equivalent to 1410034

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	37A...50A 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 63A (Class aM fuse) 100 (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 -- 37A...50A (adjustable)
Mounting mode	Direct mounting
Contacts type	1NO+1NC (1 Normally Open + 1 Normally Closed) aux. contacts
Dimensions	frame size 93AF H3.26" x W2.83" x D4.6" H83mm x W72mm x D117mm
Ambient air temperature for operation	-13...+131˚F / -25...+55 ˚C
Technical compatibility with	40-95A Ex9CD devices
Minimum current	37 A
Maximum current	50 A
Order code / Manufacturer SKU	Ex9RD93A50 1410034
Manufacturer product status	Commercialized
Equivalent to	1410034
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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