

NOARK

SU40NHA

Trip unit - 1800237 - Electronic (LSIG) - harmonics metering - 3200A frame - 24Vdc - LCD display

Trip unit alone - harmonics metering - NOARK (A32 series) - 24Vdc supply voltage - Electronic (Series 4.0 (LSIG)) trip unit - RS-485 / Modbus communication capability - equivalent to 1800237

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	Trip unit
Product series / family name	Electrical protection > ACBs and disconnector switches accessories > Trip units
Sub-range name	A32 series
Functions	Trip unit alone
Design	harmonics metering
Supply voltage (DC)	24Vdc
Display	LED trip indicator LCD display Alarm indication Phase current display Arc flash maintenance mode display Advanced protection display Advanced metering display
Trip unit type	Technology = Electronic Series = Series 4.0 (LSIG) Protection = LSIG Display = LCD
Protection functions	L (Long-time protection) S (Short-time protection with fixed time delay) I (Instantaneous protection) G (Ground fault protection) ZSI (Zone Selective Interlocking)

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Protection settings	L - Protection against overload -- adjustable 0.4...1 x In (2s...30s) S - Protection against short-circuit with time delay -- adjustable 1.5...10 x 6Ir (0.1...0.4s; I2t or definite time) I - Instantaneous protection against short-circuit -- adjustable 2...15 x In G - Protection against earth fault -- adjustable at 500A-1200A (0.1...0.4s; I2t or definite time)
Communication protocol	RS-485 Modbus
Dimensions	H177mm x W54.1mm x D75.4mm H6.97" x W2.13" x D2.97"
Order code / Manufacturer SKU	SU40NHA 1800237
Manufacturer product status	Commercialized
Equivalent to	1800237

Benefits

A32 trip units offer advanced electronic protection and control for power distribution and feeder protection.
A32 trip unit's circuits and microprocessors measure electrical values against preset or user-selected parameters.
These parameters include overload, short circuit, current unbalance, and over/under voltage/frequency.
When required, A residual ground current transformer provides sensing for ground fault protection when needed.
A32 trip units offer standard LS, LSI and LSIG circuit protection functions.
A32 trip units can provide advanced functions like Digital Metering, Arc Flash Reduction Mode, and Zone Selective Interlocking.
They also offer communication capabilities for transmitting metered values and status to monitoring or control networks.
A32 trip units consist of 3 models, each offering different control, display, diagnostics, and communication options.
Each model can be ordered in one of 3 protection configurations.

Protection Configurations
- LI - Long Time-delay Overload, Instantaneous Short Circuit.
- LSI - Long Time-delay Overload, Short Time-delay Short Circuit, Instantaneous Short Circuit
- LSIG - Long Time-delay Overload, Short Time-delay Short Circuit, Instantaneous Short Circuit, Equipment Ground Fault

Features
- Microprocessor based true RMS sensing
- Discrete rotary trip setting dials
- Cause of trip LEDs
- Unit status LED
- Making / breaking protection (MCR)
- Ready-To-Close Indicator
- Available zone selective interlocking

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- Available arc flash reduction mode
- Available RS-485 communications
- USB port for power & communication
- Service short circuit protection (HSISC)

Documents

NOARK - Power Circuit Breakers and Non-Automatic Switches - Catalog.pdf

Access to all NOARK drawings

E-PLAN - NOARK - SU40NHA - Part details

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