

NHP Motor Protection Relay

Reliable electronic motor protection for 1000V AC applications

MOTOR CONTROL AND DRIVES





NHP Motor Protection Relay

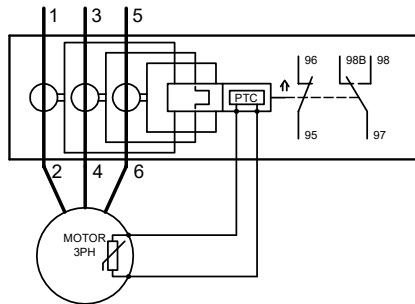
Retrofitting solutions providing protection integral to the mining industry

NHP is proud to bring to market the NHP Protek NEF series of 1000V AC electronic motor protection relays, ideally suited for mining-related applications.

To optimise inventory, the NHP NEF is available in two units, each one is complete with its associated integral current converter unit. The first unit covers 0.825 up to 40 Amps (below 8.25 Amps via looping CT wires), the second unit covers the current range 33 up to 160 Amps.

Features of the NHP Protek NEF include:

- 1000V AC rated
- DIP switch setup for quick, accurate and repeatable settings
- Adjustable trip settings to suit application (class 5, 10, 20, 30)
- Rapid phase failure protection
- Asymmetry detection
- PTC thermistor input as standard
- Automatic and remote reset facilities as standard
- Control options: 24, 110 and 240V AC to suit installation



NEF - 40 - 24 VAC

Brand
• NHP Protek NEF

Current rating
• 40: 0.825...40A¹⁾
• 160: 33...160A

Control voltage
• 24VAC: 24V AC
• 110VAC: 110V AC
• 240VAC: 240V AC

¹⁾ Below 8.25A possible by looping motor supply cables through the current evaluation ports.

Ordering Information

Motor FLC (A (min-max))	Un (V AC)	Auto / Man / Rem (Reset)	H x W x D (mm)	Control (V AC)	Catalogue No.
0.825 - 40 ¹⁾	1000	yes / yes / yes	77 x 127.4 x 189	110	NEF-40-110VAC
0.825 - 40 ¹⁾	1000	yes / yes / yes	77 x 127.4 x 189	240	NEF-40-240VAC
0.825 - 40 ¹⁾	1000	yes / yes / yes	77 x 127.4 x 189	24	NEF-40-24VAC
33 - 160	1000	yes / yes / yes	77 x 127.4 x 189	110	NEF-160-110VAC
33 - 160	1000	yes / yes / yes	77 x 127.4 x 189	240	NEF-160-240VAC
33 - 160	1000	yes / yes / yes	77 x 127.4 x 189	24	NEF-160-24VAC

Accessories

Description	Catalogue No.
Adaptor plate for CEF1-11/12 replacement with NEF-40/160. The adaptor plate adds an additional depth of 22 mm to the footprint of the NEF.	CEF1-AP-NEF



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