

ExIS NERPRO NERM Panel -1000J

ENGINEERING CAPABILITIES

Mechanical
Hydraulic
Electrical

PRODUCTS

Flameproof and Industrial Starters:
Conveyors
Flitting
Compressors
Feeder Breakers
Pumps
Fans
Roof Bolters
Winch Controllers
I.S. Water Level Controllers
Lighting Transformers
Tramming Generators
NERM Panels
Earth Leakage Relays
Earth Leakage Test & Data Recorders
Machine Remote Controllers
Flameproof Accessories
Ex ia Portable Hand Lamp

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Consulting

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The ExIS NERPRO relay has a primary function of monitoring the Neutral Earthing Resistor, the Neutral Voltage and the Earth Fault Current.

The relay is accessed and controlled via a touch screen mounted on the inner door of the enclosure.

The NERPRO is also capable of monitoring six user defined digital inputs and storing these for future access.

These are interrogated via the 'Trip Log' push button on the inner door, this is useful if power has been removed from the NERM panel, or directly from the touch screen if power is available.

A second push button, the 'NERM Test' function checks the trip functionality of the NERPRO.

A third push button the 'Earth Fault Test' injects the necessary test current, again to check the functionality of the NERPRO.

- Up to 1kV.
- Lockable single door layout providing tamper proof of test buttons and touch screen.
- Neutral Earthing Resistors that are immersed in silicon sand for heat dispersion in case of prolonged earth faults.
- Powder coated in mild steel or stainless steel.
- Robust in construction and easily retrofitable with older versions.
- Digital and Analogue harmonic filters included guarantee accurate operating values.

General Specifications:

- Supply 85-265Vac
- Two potential free contacts rated 250V 10A
- Fail safe relay changeover from trip to healthy
- NER value 230Ω
- NER trip level 0-1000Ω adjustable
- NER trip time delay 10 seconds
- Neutral voltage trip level 300Vac
- Neutral earth fault trip current 1-2.5A
- Neutral earth fault alarm < trip value
- Neutral earth fault trip time delay 1-9999ms



**Innovative
Solutions**

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