

ExIS NERPRO NERM Panel - HV

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Hydraulic
Electrical

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Tramming Generators
NERM Panels
Earth Leakage Relays
Earth Leakage Test & Data Recorders
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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 11kV.
- Lockable double door layout providing tamper proof of test buttons and touch screen.
- 100kΩ 1kW (11kV unit) sensing resistor fitted in top enclosure.
- Powder coated in mild steel or stainless steel.
- Robust in construction and easily retrofittable with older versions with.
- Digital and Analogue harmonic filters included guarantee accurate operating values.

General Specifications – 11kV 25A:

- Supply 85-265Vac
- Two potential free contacts rated 250V 10A
- Fail safe relay changeover from trip to healthy
- NER value 254Ω
- NER trip level >10kΩ
- NER trip time delay 6 seconds
- Neutral voltage trip level > 2000Vac
- Neutral earth fault trip current 1-25A
- Neutral earth fault alarm < trip value
- Neutral earth fault trip time delay 1-9999ms