

# NM20

## MOTOR PROTECTION

The relay type NM20 can be used for protection of large size motors in MV systems.

For any grounded systems (solidly grounded, ungrounded or Petersen coil and/or resistance grounded) the protection can be used on feeders of any length.



## FUNCTIONS

### STANDARD PROTECTIVE & CONTROL ELEMENTS

- Under Voltage - 27
- Positive Sequence Undervoltage - 27V1
- Directional active overpower - 32P
- Under Current - 37
- Directional reactive underpower - 37Q
- Loss of Field - 40(M/G)
- Negative sequence overcurrent Motor/Generator - 46M, 46G
- Maximum number of startings (Restart inhibition) - 66
- Ground directional overcurrent - 67N
- Over frequency - 81O
- Under frequency - 81U
- Breaker Failure - BF
- CT Supervision - 74CT
- VT Supervision - 74VT
- Trip Circuit Supervision - 74TCS

### SW PACK OPTIONAL CONFIGURATION

- Thermal with Pt100 Probes - 26