

## Rack 19” type TNC2000 Rack

### Application

The 19”rack serves as a carrier for Power Supply and all TNC2000 system modules. Made of anodised aluminium profiles has dimensions of 3U(height) and 84T(width) according to DIN 41494-5 or IEC 60297-3 standard. The PCB size for all system modules is 100x160 mm. The input/output termination blocks are mounted at the rear side of the rack. Depending on the quantity of measuring circuits needed for realizing the protection and monitoring system for a given rotating machine the full system can have a capacity of one or more racks. Typically for a machine set with four-six bearings the full system has a size of two racks. The rack is internally wired according to measuring circuits specification required for a given system configuration.

Relays are situated inside the rack. Their quantity and internal wiring is adapted to the specific requirements of a given system configuration.

#### Relay specifications:

- Type: double-pole, double-throw(DPDT) contacts, epoxy sealed( IP67)
- Contact life: 100 000 cycles
- Operating: Normally De-energized or Normally Energized
- Operation temperature:  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Humidity : 95% without condensation
- Contact ratings:
  - Max switched current: 2A
  - Max switched voltage: 220Vdc, 250Vac
  - Max switched power: 62,5VA, 60W

#### Ordering Information

According to an inquiry containing the information of the kind and numbers of different measuring circuits required in a system the rack number and modules configuration will be proposed.

