

## 3-PHASE NETWORK METER, ND1

ND12200E0

3-PH NETWORK ANALYZER 230/400V 5A

- Measures parameters of 3-Phase or 3/4 wire symmetrical/asymmetrical systems
- RS485 MODBUS (Optional)
- 2 Alarm outputs, 1 Pulse output for active energy



### PRODUCT DESCRIPTION

Measurement, visualization and recording of over 300 parameters of 3-phase balanced or unbalanced power network

- phase voltages:  $U_1, U_2, U_3$  and phase currents:  $I_1, I_2, I_3$
- phase-to-phase voltages:  $U_{12}, U_{23}, U_{31}$
- active phase powers:  $P_1, P_2, P_3$
- reactive phase powers:  $Q_1, Q_2, Q_3$
- apparent phase powers:  $S_1, S_2, S_3$
- active power factors:  $PF_1, PF_2, PF_3$
- reactive/active power factors:  $tg\phi_1, tg\phi_2, tg\phi_3$
- mean phase-to-phase voltage:  $U_s U_{mf}$
- current in neutral wire and mean 3-phase current:  $I_o, I_s$
- active, reactive and apparent 3-phase power:  $P, Q, S$
- mean 3-phase power factors:  $PF, tg\phi$
- frequency  $f$  and frequency deviation
- 15 minutes' mean active power:  $PAV$
- active, reactive and apparent 3-phase energy:  $EnP, EnQ, EnS$
- THD for voltage and phase current
- harmonics for current and phase voltage up to 51 st !
- storage of min and max values
- recording of dips and voltage decays
- monitoring of run function
- voltage asymmetry
- flicker parameters:  $PST, PLT$