GENERATION & NETWORK
Alarming and Indication IED

NPS914

Protection & Control ice

The optimal management of electrical power systems is based in particular on the reliability, availability and communication skills of protection, measurement and automation devices.

NPS914 alarm and indication IED can be applied for substation general I/O extension, control and alarm annunciation. Optional cards (I/O, communication...) can be inserted depending on application requirements. Easy to use and powerful logic programming expands further the application range to more demanding control, alarm and indication needs. Large freely programmable HMI display provides quick visualization of the object, alarm and event status.

The NPS914 communicates using various protocols including IEC 61850 substation communication standard.

CHARACTERISTICS

Alarm, control and indications
- Controllable objects: 5
- 48 programmable alarm LEDs (3x16)

Hardware
- Digital inputs: 3 (standard)
- Output relays: 5+1 (standard)

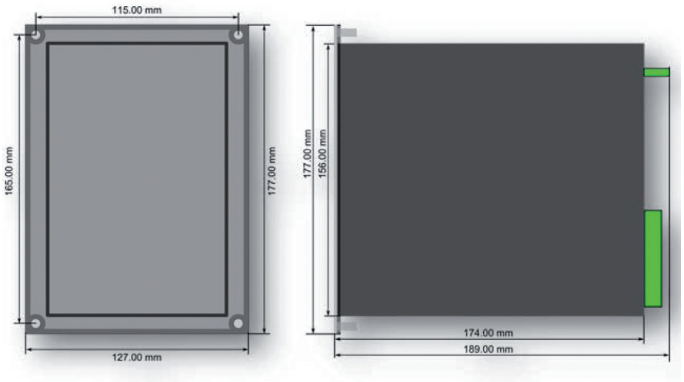
Options (6 slots)
- Digital inputs optional: +8 per card
- Digital outputs optional: +5 per card (2 cards max.)
- 2 x mA input + 6-8 x RTD input (2 cards max.)
- Communication media (specified below)

Event recording
- Non-volatile disturbance records: 100
- Non-volatile event records: 10000

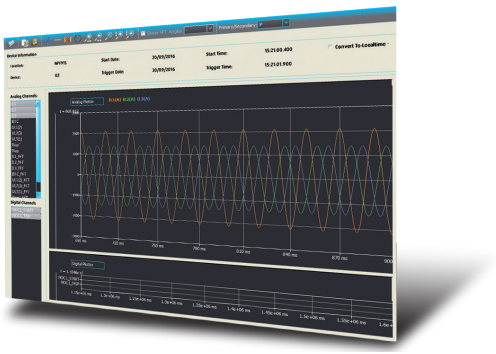
Communication media
- RJ 45 Ethernet 100Mb (front standard)
- Double LC Ethernet 100Mb (option)
- RS232 + serial fibre PP/PG/GP/GG (option)

Communication protocols standard
- IEC 61850
- IEC 60870-5-103/101/104
- Modbus RTU, Modbus TCP/IP
- DNP 3.0, DNP 3.0 over TCP/IP
- SPA

Case
- H, W, D without terminal 177x127x174 mm
- H, W, D with terminal 177x127x189 mm
  (casing height 4U, width ¼ rack, depth 210 mm)
- H, W of front plate 177x127 mm
- H, W of cut out 160x106 mm



SMART9 - integrated software
Our user friendly SMART9 (Setting, Measurement, Analysis, Recording, Time-saving) configuration software helps the user get the best from NP900 series relays.



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