

Power factor controllers N-6, N-12 and NC-12

PRODUCT FEATURES

Grid Solutions power factor controllers provide your network with efficient reactive power compensation, measurement and supervision.

USER-FRIENDLINESS AND CONDITION MONITORING

User-friendliness due to multilingual user interface, clear text and symbol messages, graphics, alarm log and communication. Grid Solutions power factor controller offers advanced condition monitoring for your network as well as for the capacitor bank.

The supervision and condition monitoring functions add to the simplified programming with intelligent self set-up to ensure optimal use of the reactive power compensation system.

APPLICATIONS

- Automatic reactive power control of low and medium voltage capacitor banks (tuned, detuned and conventional)

TYPICAL GRID SOLUTIONS CUSTOMERS

- Panel builders
- LV switchboard manufacturers

CUSTOMER ADVANTAGES

- Optimised user interface for easy operation
- Intelligent stepping algorithm for optimum step utilisation and fast response
- All traditional stepping sequences also available
- Quick and simple mounting and wiring
- Insensitive to current transformer polarity
- Monitoring and protection
- User-friendly
- Several language versions
- Robust construction
- Various step programmes

N-6 & N-12

Maximum 6 or 12 capacitor steps

Microprocessor-based technology

C/K auto search

Accuracy class 5%

Ambient temperature 0 to + 60° C

Protection class IP41 at panel and IP20 DIN-rail installation

Measurements; $\cos\phi$, P, Q, S, THD(U), U, I, temperature

NC-12

Maximum 12 capacitor steps

Microprocessor-based technology

C/K auto search

Separate C/K setting for inductive and capacitive side

Accuracy class 2%

Ambient temperature 0 to + 60° C

Protection class IP41 at panel and IP20 DIN-rail installation

Measurements; $\cos\phi$, Ip, Iq, Irms/I1, P, Q, S, THD(U), U, THD(I), Is, harmonics

Communication RS485/modbus via optional auxiliaries



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