

# NOVAR 2418

## Three Phase PFC and Multimeter

NOVAR 24 represents basic type of a new product line of three phase APFCR with advanced functions and parameters. All important control and compensation information is available in real time on its screen.

This controller includes **complete digital power monitor** and precise **four-quadrant electricity meter**. It is fully automatic and it has a simple installation. Up to 18 relay outputs can control combinations of 1-, 2- and 3-phase steps with both capacitors and chokes.

Optional remote communication offers **RS-485 or Ethernet**. These interfaces allows the controller to be fully supervised and managed from remote ENVIS application or any **ModBus** enabled SCADA system.

**Typical applications:** power factor correction in three phase unbalanced networks, to compensate frequent load changes (18 steps) also in single phase applications



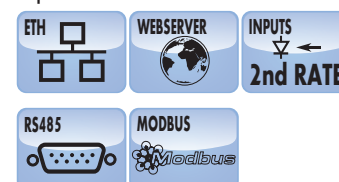
### Key features:

- NOVAR 2418 up to 18 output sections, relay or solid-state
- measures and controls power factor and other quantities in each line separately
- unlimited support for single-, two- and three-phase capacitors and reactors
- combined mains compensation & decompensation capability (supports both capacitors and reactors)
- RS-485 and Ethernet communication options
- embedded four quadrant electricity meter with TOU and power meter (class 0.5)

#### Standard



#### Optional



## Ordering Options

### NOVAR 2418 E

#### Instrument class

NOVAR = Automatic power factor controller

#### NOVAR model

24 = 3-phase, panel 144×144mm, segment LCD

#### Outputs

07 = 7 relay outputs + 1 digital input

09 = 9 relay outputs

16 = 16 relay outputs + 1 digital input

18 = 18 relay outputs

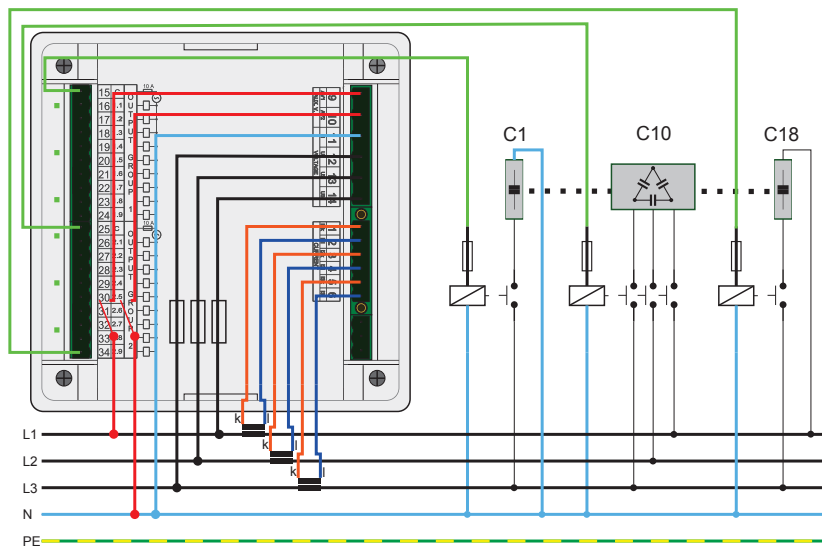
#### Remote communication interface

N = without remote communication

4 = RS-485

E = Ethernet 10BaseT

## Typical connection schema



## Mechanical dimensions

