

# NOVAR 1106/1114

# NOVAR 1206/1214

NOVAR 11 and 12 reactive power controllers are fully automatic instruments that allow optimum control of reactive power compensation. They take their design concepts from the NOVAR 1xx/2xx line of instruments, bringing up a number of improvements and new features while keeping the way of operation.

The instruments features precise voltage and current measurement circuits, and the digital processing of values measured provides high evaluation accuracy of both true root-mean-square values of voltage, current and power factor values. The built-in temperature sensor measures the temperature inside the distribution board cabinet.

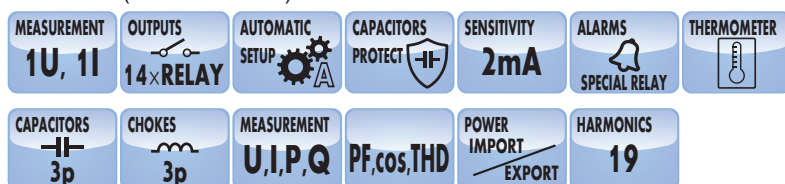
The instrument's installation is fully automatic. The controller automatically detects both the connection configuration and the value of each compensation section connected. Entering these parameters manually is also possible.



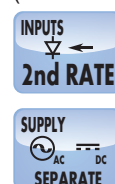
## Key features:

- up to 14 outputs (1114/1214) and 1 alarm relay
- current measurement sensitivity 2 mA
- optional RS485 or Ethernet remote communication interface
- input for 2nd tariff (1206/1214)
- optional supply voltage up to 500 V (/S400 models)
- separated common pole of relays on additional terminals (/S400 models)

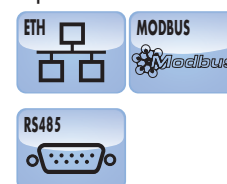
### Standard (NOVAR 11xx)



### (NOVAR 12xx)



### Optional



## Ordering Options

NOVAR 1214 E

**Instrument Class**  
NOVAR = Automatic power factor controller

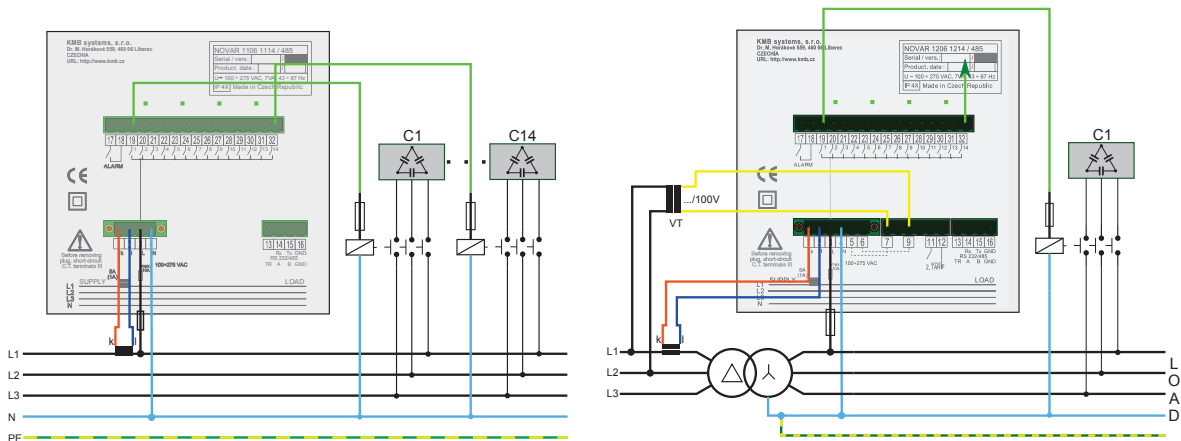
**NOVAR model**  
11 = common terminal for meas. and supply voltage  
12 = separated terminals for meas. and supply voltage

**Outputs**  
06 = 6 relay outputs + 1 alarm relay  
14 = 14 relay outputs + 1 alarm relay

**Supply voltage**  
\_\_\_\_\_ = Supply voltage up to 275V  
/S400 = Supply voltage up to 500V, relays common pole separated

**Remote Communication Interface**  
\_ = Without remote communication interface  
4 = RS-485  
E = Ethernet

## Typical connection schema



## Mechanical dimensions

