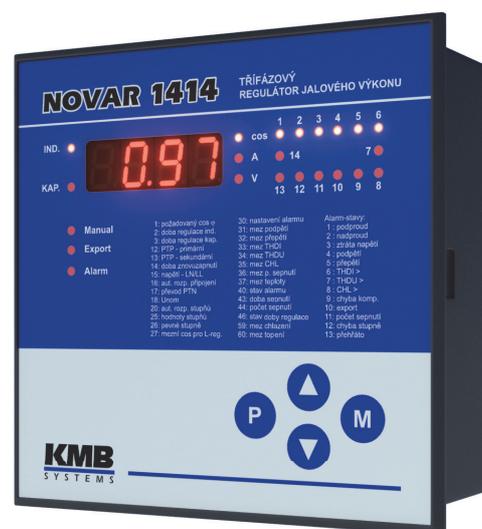


NOVAR 1414

PFC with Three Phase Measurement

NOVAR 1414 is based on NOVAR 1214 and shares most of its features but despite of other models, this controller model has three current measurement inputs and one voltage measurement input. It is capable to measure load in each of three phases separately and then evaluates three-phase power factor from measured values from each phase for the control. Therefore, it is suitable especially for applications with great or variable load unbalance.

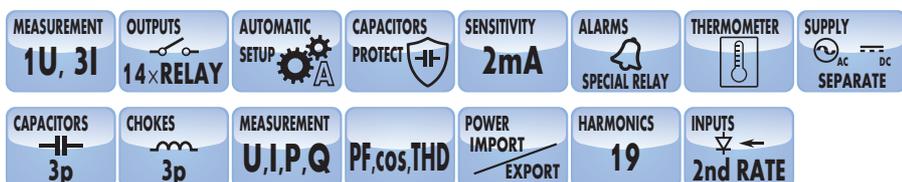
It features one voltage measurement input and expects that amplitude of other two is the same. It evaluates PF in each phase from measured currents and then three-phase PF which is used for operation. Three-phase capacitors and reactors are used for power factor correction.



Key features:

- measures power factor in each line separately
- improves three phase PFC for unbalanced loads
- 14 independent compensation section + alarm relay
- fully automatic control section recognition
- embedded temperature sensor and relay for temperature control
- standard case for 144 x 144 mm cut-out
- 2 mA current sensitivity
- optional RS-485 or Ethernet communication interface

Standard



Optional



Ordering Options

NOVAR 1414 E

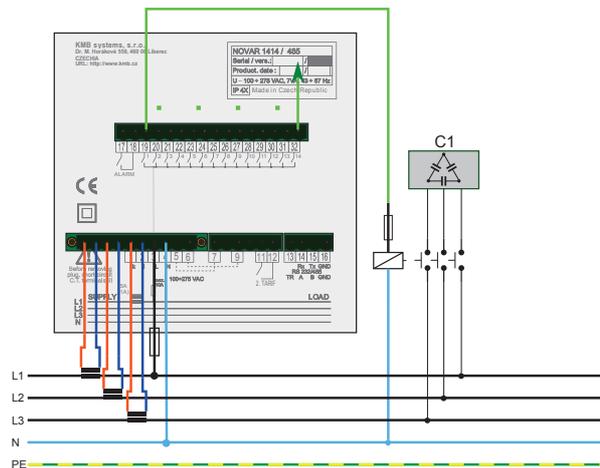
Instrument Class
NOVAR = Automatic power factor controller

NOVAR model
14 = 3-phase, panel 144x144mm

Outputs
14 = 14 relay outputs + 1 alarm relay

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

Typical connection schema



Mechanical dimensions

