

RPR

REACTIVE POWER REDUCER

Reactive power reducer is a device limiting the reactive power consumption both induction and capacity.

Devices offered by our company are designed for operation in street lighting circuits fitted with sodium lamps or LED lamps. The devices are parameterized to specific circuits during production and during installation additionally regulated so as to ensure optimum performance of circuits. RPR can work with street lighting controllers CPAnet type, this solution provides automatic, remote monitoring of the compensation process. RPR should be build in during the design and construction of a new lighting cabinet. Such solution significantly reduces the cost of the entire project.



FEATURES OF THE DEVICE

- optimization of reactive power lighting circuits
- available 1- and 3-phase versions
- reading of all measured parameters on the device display
- possibility to use in cable networks, overhead lines, for external and internal lighting
- cooperation with the CPAnet system remote management and monitoring of the network
- high economic efficiency enables lowering bills for reactive power and thus improves the quality of energy
- environmentally friendly device - by reducing reactive power consumption it reduces CO₂ emissions
- rate of purchase return already from 3 months

TECHNICAL SPECIFICATIONS

- supply voltage: 230 V / 400 V / 415 V
- size (width / height / depth): 380 x 670 x 210 mm
- power range from 1 kVAr to 40 kVAr.
- operating temperature: -20°C to +55°C
- protection degree: IP20
- installation in the lighting cabinet or on the board
- weight depending on the version