

Automatic power factor controller

PR-14D Series



Technical Characteristics	
Display	Liquid cristal display with backlight (4digits)
Auxiliar supply	90-550V AC
Necessary CT	1
Wiring input	2 phases, 2wires (L2L3)
Rated input voltage	50-520V AC (Phase - Phase)
Rated input current	5A AC (min 50mA, max 6A)
Frequency range	45-65Hz
Power consumption	Max. 15VA
Controlling range	0.800 (ind) to -0.800 (cap)
Alarm	<ul style="list-style-type: none"> • Overtemperature error: horn symbol on the screen • E01: phase current error
Physical Characteristics	
Protection class	IP54
Connector protection class	IP20
Operating temperature	0°C +60°C
Storage temperature	-20°C +60°C
Humidity	0-95%
Overtemperature indication	Horn symbol on the display
Mounting	Front panel mounting
Outline dimensions	144x144x50 mm
Panel cutout	138x138 mm

Code	Steps
REG12DPR1400000	12

Automatic power factor controller

PR-15D Series



Technical Characteristics	
Display	Liquid cristal display with backlight (4digits)
Auxiliar supply	90-550V AC
Necessary CT	1 or 3
Wiring input	1P2W, 2P2W, 3P3W, 3P4W
Rated input voltage	11-300V AC (L-N), 50-520V AC (L-L)
Rated input current	5A AC (min 11mA, max 6A)
Frequency range	45-65Hz
Output relays	12 (or 14 without alarm and fan relay)
Power consumption	Max. 15VA
Controlling range	0.800 (ind) to -0.800 (cap)
Alarm	Over voltage, under voltage, over compensate, under compensate, THDI error, THDV error, no voltage, over temperature, over current, CT error, error connection, current absent.
CT secondary	1A or 5A
Communications	RS485
Características Físicas	
Protection class	IP54
Connector protection class	IP20
Operating temperature	0°C +60°C
Storage temperature	-20°C +60°C
Humidity	0-95%
Alarm indication	Red led (off, blinking or fixed)
Mounting	Front panel mounting
Outline dimensions	144x144x63 mm
Panel cutout	138x138 mm

Code	Steps	Voltage V
REG12DPR1500000	12 (or 14)	90 to 550V

Power Factor Regulator

PR-12D three phase remote management



General Characteristics

- Smart Alarm system: advise us when we're getting closer to penalization, if any does not work properly, etc.
- Its information system allows us to know the basic parameters in general and per phase: state of capacitors, temperature, voltage and current....
- Net analyzed: allows us to know THD both voltage and current.
- Interactive menu
- Parameters selection: time of connection / disconnection of capacitors, protection for step.
- Telegestion: Communication accessory for the transmission of information.

Technical Characteristics

Power Supply, Un	230 Vac (Phasel/Neutral)
Vin:	10-300 Vac (L-N) and 15-500 Vac (L-L)
Operation voltage range	(0,8-1,1) x Un
Frequency	50/60 Hz
Current measurement circuit	5/5...10000/5 A
Minimum current value	10 mA
Power consumptions	< 1 VA
Accuracy of measurement	1% ±digit
Display	3,2''
Connection	RS485

Physical Characteristics

Protection degree	IP20
Temperature Range	-5 °C + 50 °C
Humidity	15%-95%
Type of installation	Front panel mounted
Dimensions	144x144x45 mm

Code	Steps	Voltage
REG12DPR1200000	12	220 Vac (Phase/Neutral) 380 Vac (Phase/phase)

Communication accessory for the transmission of information. (optional)

Code
REGCOMCON2RJ450