Features

- Automatic Setup and step recognition
- Acccurate measurements from 5mA
- Switching Capacitors and Shunt Reactors
- Power factor correction modes: Eco, Sensitive, Standard
- Energy quality monitoring: THDI, THDV, harmonics up to 31st

RS PRO Power Factor Correction

RS Stock No.: 0631062

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Power Factor Correction

Product Description

These products are used for switching capacitors and shunt reactors to improve power factor and optimize energy efficiency. They are ideal for industrial facilities, commercial buildings, and power factor correction panels. Commonly used with power capacitors, shunt reactors, contactors, current transformers, temperature sensors, and monitoring systems.

General Specifications

Step	6	12
Operating Voltage (Un)	90-550 VAC	
Operating Frequency	45~60 Hz	
Measurement Class	%0.5(V,I,W,VAr,VA),%0.02(Hz,Cosθ)	
THD-V Setting Limit	%0-100	
Display	Wide Screen Segment LCD, White, RGB	
Operating Environment Temperature	-20 +70°C	
Maximum Relative Humidity	95%	
Communication	Modbus RTU	
Temperature Sensor	Internal	
Power Consumption	<25VA, <20W	
Storage Temperature	-30 +80°C	

Mechanical Specifications

Dimensions	144 x 144 mm
Maximum Depth (Inside the Switchboard)	60 mm
Panel Section Dimension	138 x 138 mm
Installation	Vertical Panel Installation
Button	4 x Universal Interfaces

Protection Category

Box Protection	IP 54 (Front Panel)
	IP 20 (From the rear side)

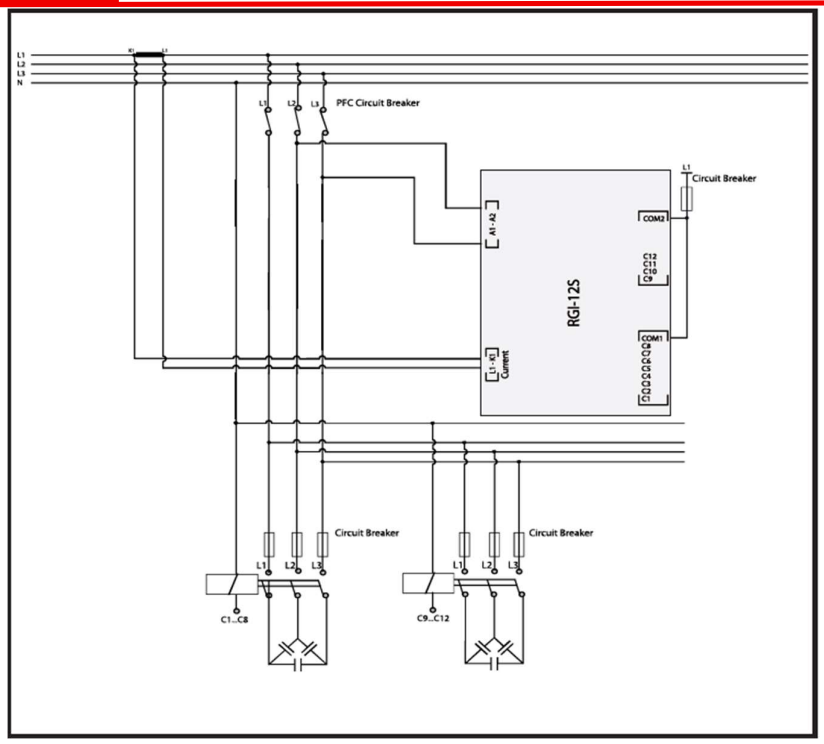
Standards

EN50470-1, EN60068-2-1, EN60068-2-2, EN60068-2-30, EN60255-1, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN61010-1

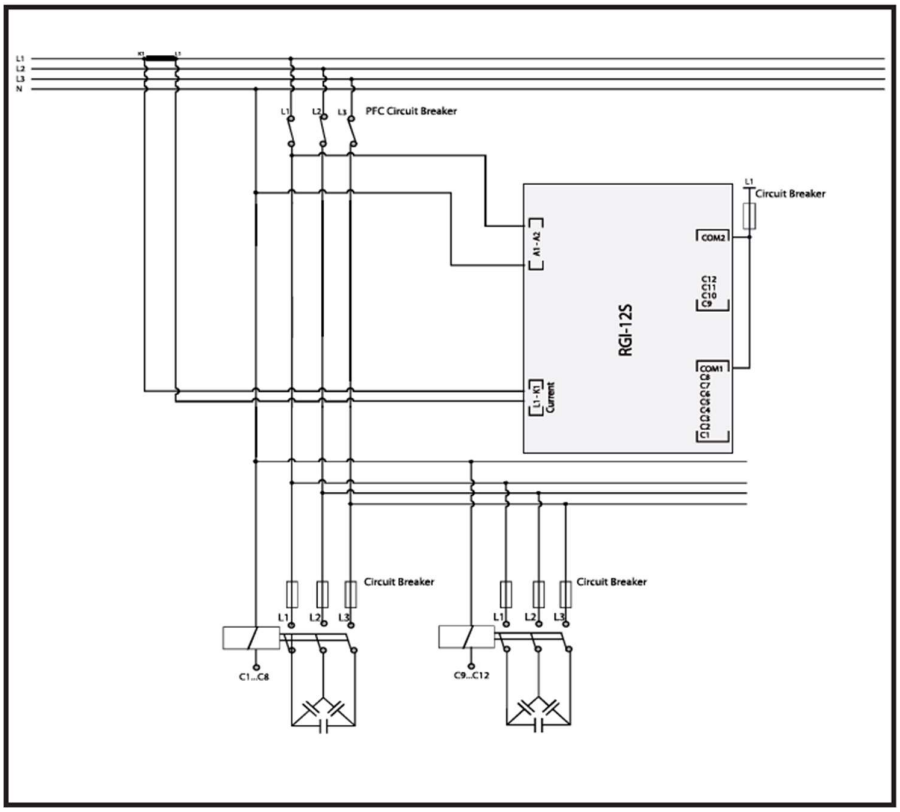
Similar Products

Stock No.	Brand	Product Name	Step No.
M6018	RS PRO	Power Factor Controller – 6 Steps	6
M6006	RS PRO	Power Factor Controller – 12 Steps	12

Connection Diagrams



Connection Diagram P-P



Connection Diagram P-N