

ENTES



RGI Series Single Phase Power Factor Controllers

The next generation ENTES RGI Series power factor controllers are user-friendly with their plug & play and universal interface. The RGI series that can perform precise measuring even low currents (5mA) and has, 4, 6, 9, 12, and 16 step options.

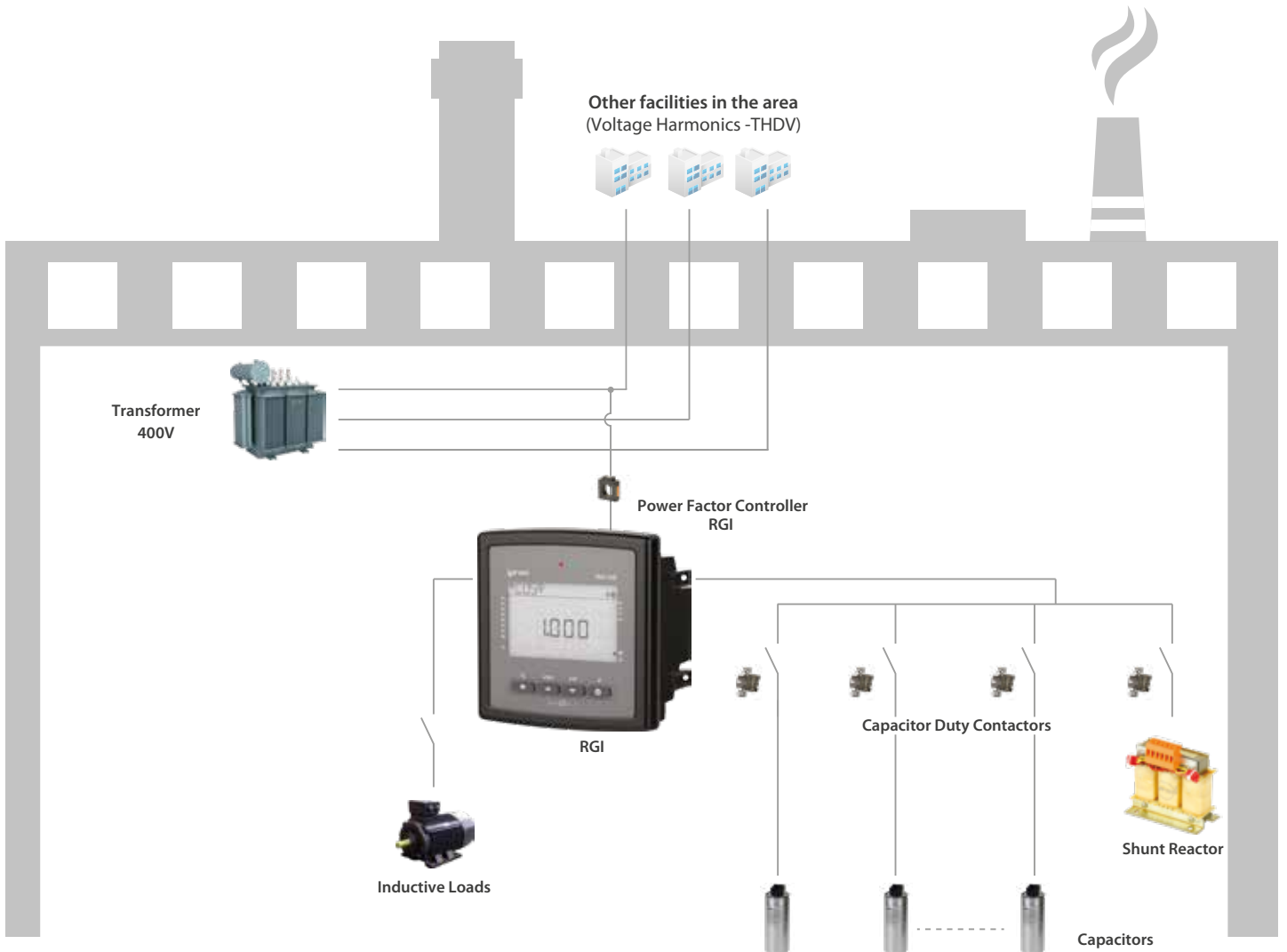
Basic Features

- Switching Capacitors and Shunt reactors
- Opportunity to select the power factor correction modes eco, sensitive and standard modes
- Precise measurement starting from 5mA
- Providing energy quality parameters such as THDI, THDV and individual harmonics up to 31.
- Automatic easy setup
- Automatic step recognition and connection correction
- Daily, weekly, monthly, 3 monthly PFC ratios
- Displaying the alarms and warnings with the RGB status LED
- User-friendly universal interface with 4 button and wide screen segment LCD
- Measurement of internal temperature (Optional with 6,9,12, 16 step models)
- Alarm output
- Temperature sensor, fan relay (Optional)
- Special alarm settings and step protection
- Phase-Phase or Phase- Neutral connection 90 - 550 VAC SMPS
- Programmable generator input (As a second $\cos\phi$)



SPECIFICATIONS

	RGI-4	RGI-6S	RGI-9S	RGI-12S	RGI-16
STEP	4	6	9	12	16
SUPPLY					
Operating Voltage (Un)	90-550 VAC				
Operating Frequency	45~60 Hz				
MEASUREMENTS FUNCTIONS					
Measurement Class	%0.5(V,I,W,VAr,VA),%0.02(Hz,Cosθ)				
THDV Setting Limit	%0 – 100				
DISPLAY					
Active Area	Wide Screen Segment LCD				
Colour	White, RGB				
OPERATING ENVIRONMENT					
Operating Environment Temperature	-20 +70°C				
Maximum Relative Humidity	95%				
CONNECTIONS					
Installation	Vertical Panel Installation				
Panel Segment Size	138x138mm				
Maximum Depth (In-Panel)	60mm				
COMMUNICATION					
	Modbus RTU (Optional with 6, 9,12, 16 step models)				
TEMPERATURE SENSOR					
	Internal (Optional with 6, 9,12, 16 step models)				
BOX					
Dimensions	144 x 144 mm				
Protection Class	IP 54 (Front Panel), IP 20 (From the Back)				



HEADQUARTERS

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