

# ENTES



## RGA Series Power Factor Controller

The next generation ENTES RGA Series power factor controllers are user-friendly with their plug & play and ease-of-use features. The RGA series that can perform precise measuring even in quite low currents (5mA) has five Steps options 8, 12, 15, 20 and 24 steps.

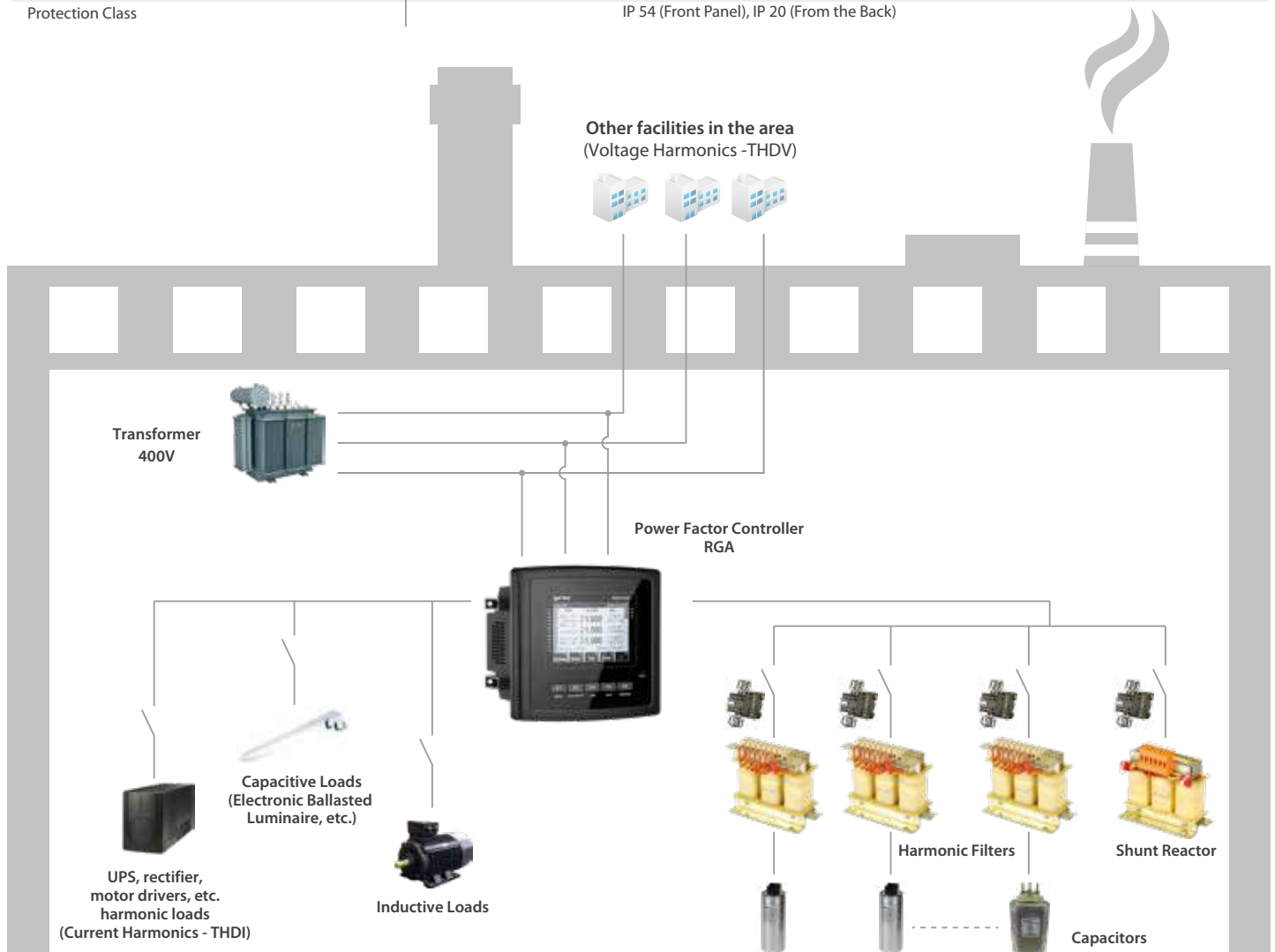
### Basic Features

- Switching Capacitors and Shunt reactor
- Opportunity to select the power factor correction modes eco, standard and sensitive mode
- Precise measurement up to 5mA
- Providing energy quality parameters such as THDI, THDV and individual harmonics up to 51.
- Automatic easy setup
- By the second current transformer, blowing of step fuse, contactor stuck alarm can be detected and instant capacitor values, contactor life time can be measured.
- Tracking step value, step setup date and contactor life
- Daily, weekly, monthly, 3 monthly compensation ratio chart
- Displaying each phase with Phasor diagram
- Instant measuring of Capacitor and Reactor values
- Automatic step recognition and faulty connection correction
- Displaying the number of step switching



## SPECIFICATIONS

	RGA-8S	RGA-12S	RGA-15S	RGA-20S	RGA-24S
<b>STEP</b>	8	12	15	20	24
<b>SUPPLY</b>					
Operating Voltage (Un)	100-270(-15%+10%)VAC/VDC				
Operating Frequency	45~60 Hz				
<b>MEASUREMENTS FUNCTIONS</b>					
Parameters Measured	I,V,W,VAr,VA,kWh,kVArh,kVAh,Cosφ,THDI,THDV, Individual harmonics up to 51.				
Measurement Class	%0.5(V,I,W,VAr,VA),%0.02(Hz,Cosθ)				
Step Engaging and Releasing, and Discharge Duration	1-1800 seconds				
THDV Setting Limit	%0 – 100				
<b>DISPLAY</b>					
Active Area	Graphic LCD				
Colour	White/Grey Positive				
Resolution	240 x 160 pixels				
<b>OPERATING ENVIRONMENT</b>					
Operating Environment Temperature	-20 +70°C				
Maximum Relative Humidity	95%				
<b>CONNECTIONS</b>					
Installation	Vertical Panel Installation				
Panel Segment Size	138x138mm				
Maximum Depth (In-Panel)	60mm				
<b>COMMUNICATION</b>					
	Modbus RTU				
<b>BOX</b>					
Dimensions	144 x 144 mm				
Protection Class	IP 54 (Front Panel), IP 20 (From the Back)				



## HEADQUARTERS

Address: Dudullu OSB; 1. Cadde; No: 23 34776 Umraniye - ISTANBUL / TURKEY Tel: +90 216 313 01 10 Fax: +90 216 314 16 15 Sales Fax: +90 216 365 71 71  
E-mail: contact@entes.eu Web: www.entes.com.tr E-bulletin membership: ebulten@entes.com.tr Coordinates: 40,995852 N, 29,178398 E

## INTERNATIONAL BRANCH OFFICES

İSTANBUL : contact@entes.eu Tel: +90 216 313 01 10 Fax: +90 216 314 16 15  
INDIA : contact@entes.in Tel: +91 981 - 2980004  
GREECE : contact@entes.eu Tel: +30 2310 706999 +30 2310 707296  
GERMANY : kontakt@enteselektronik.com Tel: +49(0) 7022-931992-0

© ENTES Elektronik Cihazlar İmalat ve Ticaret A.Ş.

