

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 (3mA) has two stages options 15 steps and 20 steps.

Basic Features

- Controlling Capacitors and Shunt reactor
- Opportunity to configure the power factor correction activity with eco, standard and sensitive mode options
- Precise measurement up to 3mA with high precision class
- Automatic easy setup
- Triggering the capacitors and the shunt reactor simultaneously
- By the second current transformer, blowing of step fuse, contactor sticking 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

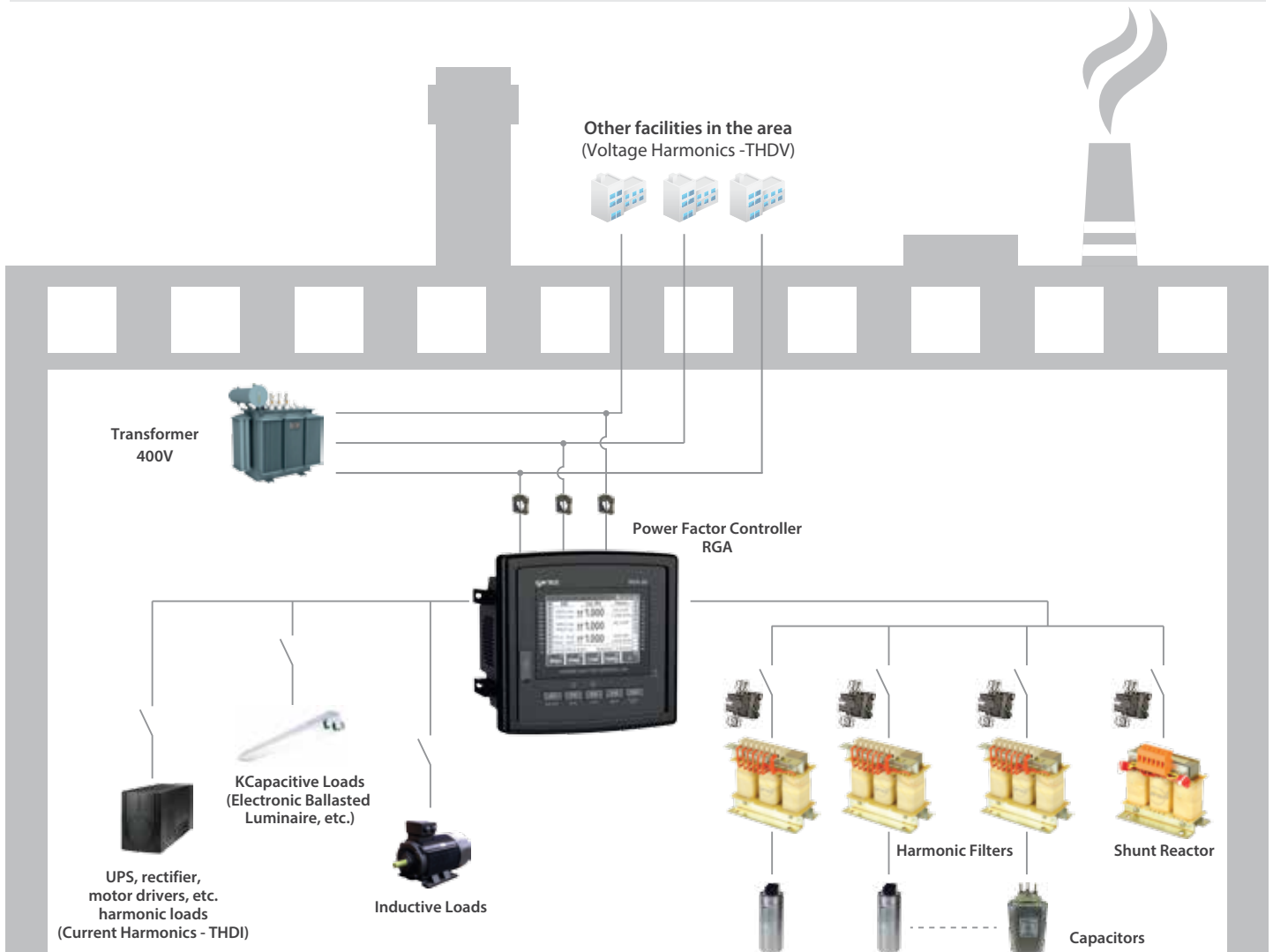
Parameters Measured:

I,V,W,VA_r,VA, kWh,kVA_rh,kVA_h,Cos ϕ ,THDI,THDV



SPECIFICATIONS

	RGA-15S	RGA-20S
STEP	15	20
SUPPLY		
Operating Voltage (Un)	100-270(-15%+10%)VAC/VDC	
Operating Frequency	45~60 Hz	
MEASUREMENTS FUNCTIONS		
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	
DISPLAY		
Active Area	Monochrome graph	
Colour	White/Grey Positive	
Resolution	240 x 160 pixels	
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	
BOX		
Dimensions	144 x 144 mm	
Protection Class	IP 51 (Front Panel), IP 20 (From the Back)	



HEADQUARTERS

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