

Elnet PFC

Power Factor Controller

Up to 6 switching relay stages.
 Real time Power factor display.
 Voltage, Current, & Power Factor measurements.
 Weekly & monthly Power Factor display.
 Harmonic's protection.
 Voltage & Current limits setting.
 THD-I & THD-V measurements.
 Accuracy 0.5% in nominal range.
 Auto detection of capacitors size.
 High Resolution display (128x64 pixels).
 Multilingual simple operated menus.
 Simple installation – panel mounted.

Technical Specifications

Power Requirements : 90 - 250 VAC
 110 - 280 VDC; 60/50 Hz; 20VA
 Dimensions (H x W x D) : 96 x 96 x 80 mm
 Shipping Weight : 650 gr.
 Working Conditions : -20 – 70°C; 0 - 95 RH%

Measurement Range:

Voltage : 0 - 650 VAC
 Voltage (with transformer) : up to 99999 KV
 Current (with transformer) : up to 99999 KA
 Maximum Input Voltage : 1000V
 Maximum Input Current : 6A



CONTROLLER'S DATA					
MONTH-AVERAGE		0.920			
WEEK-AVERAGE		0.920			
P. FACTOR		0.924			
1	2	3	4	5	6
ON	OFF	ON	OFF	OFF	OFF

L1	2.697	AMP
L2	1.977	AMP
L3	2.716	AMP
V-L V-P F		

THD-I		
L1	THD-I	3.450 %
L2	THD-I	3.670 %
L3	THD-I	3.320 %
MAX. THD-I		5.840 %
PF THD-V		

WORKING RANGE	
→ MAX. THD-I %	0.0
MAX. THD-V %	0.0
MIN. CURRENT %	2.0
MIN. VOLTAGE	0.0
MAX. VOLTAGE	0.0
▲ ▼	

VITAL SETTING	
POWER FACTOR	
+000000.920	
↑	
-	+ ◀ ▶

L1	0.991	PF
L2	0.990	PF
L3	0.955	PF
THD-V THD-I		