PANEL METERS

PFC-12S POWER FACTOR CONTROL

FEATURES

PARAMETER	VALUE
Compensation Programs	7 programs, or manual compensation option
Automatic Step Measurement	Yes
Step Drive, Release and Discharging times	Adjustable
Voltage & Current Harmonics alarm values	Adjustable
Over & under Compensation alarm Values	Adjustable
Alarm output	Voltage, Harmonic Voltage/Current, Over and under compensation
Fan output	Automatic
Monitoring	Voltage, Current, Frequency, Active Power, Reactive Power, Apparent Power, THD-I, THD-V, Cos pi, PF, capacitive/active & Inductive/active ratios, Step Values



TECHNICAL DATA

PARAMETER	VALUE
Operating Voltage	100V-300VAC
Operating Frequency	50 / 60Hz
Operating Power	<10VA
Operating Temperature	-20 °C…. 55°C
Voltage Measuring Range	10V –300V
Input Current	10mA –5.5A
Current Transformer Measuring Range	5/5A to 10,000/5A
Cosine Measuring Range	0 to 1

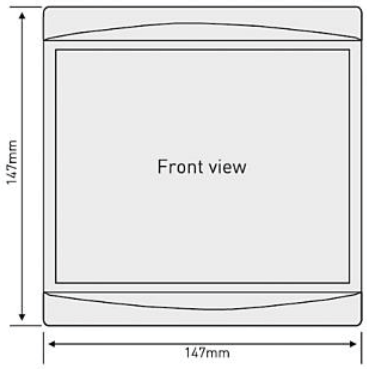
PANEL METERS
PFC-12S POWER FACTOR CONTROL

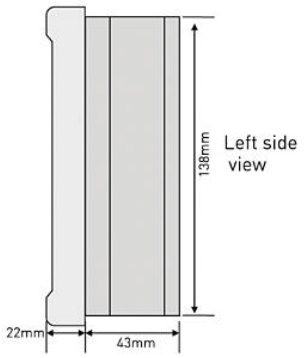
VTEKE®

TECHNICAL DATA

PARAMETER	VALUE
Voltage, Current & Cosine Accuracy	%±1
Active Energy Accuracy	%±2
Reactive Energy Accuracy	%±2
Contacts (Step Outputs)	3A/250VAC Resistive load
Contacts (Fan & Alarm Output)	3A/250VAC Resistive load
Number of steps	12 Steps
Harmonic Voltage THD-V	Until 15th
Harmonic Current THD-I	Until 15th
Weight	< 900 Gr
Protection Class	IP41[Front Panel], IP20[Body]
Panel Hole Measurement	140mm x 140mm
Connection Type	Plug-in Terminal Connection
Cable Diameter	1.5mm², 2.5mm² for CT & Voltage connections
Mounting	Assembly to panel front cover
Working Altitude	<2000 meter

DIMENSIONS





CONNECTION DIAGRAM

