selec

APFC346
Operating Instructions

?A>3D2C ?A>58;4

(% g (%\\

B?428 6 8 2 0 = B

Display : Liquid crystal display with backlight
4 digits to show electrical parameters.
Wiring input : 2ø-2 wire (L2-L3)
Auxiliary Supply : 90 to 550 V AC
Rated input voltage : 50 to 520 V AC (L2-L3)
Rated input current : Nominal 5A AC (min 50mA, max 6A)
Burden : P R K P V
Frequency Range : 45-65Hz
Power Consumption : 7VA Max
& R Q W U R O O L Q J 5DDUQJHW 3) , Q G W R & D 2 S
6 Z L W F K L Q J 3XUSRVH RUDPW L F
Trip Indication : CURR : No Current
: : No Voltage
Environmental Conditions: Outdoor use
Temperature : Operating : 0°C to 60°C
Storage : -20°C to 60°C
Humidity : 0% to 95% without moisture consideration
Mounting : Panel Mounting
Weight : 263 gms.

>A34A 2>34 8 B >A<0

PRODUCT	SUPPLY	CE	NO. OF STAGES
APFC346-108-230V-CE	85-270V AC, 50/60Hz	■	08

022DA02H

Measurement	Accuracy
Power Factor	“0.01

4<2 6D834;8=4B

1. Use proper input power cables with shortest connections and twisted type.
2. Layout of connecting cables shall be away from any internal EMI source.

B054CH ?A420DC8>=B

All safety related codification, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If the equipment is not handled in a manner specified by the manufacturer, it might impair the protection provided by the equipment.

⚠ 20DC8:>= Read Complete instruction prior to installation and operation of the unit.

⚠ F0A=8=F6 Risk of electric shock.

⚠ F8A8=6 6D834;8=4B

1. To prevent the risk of electric shock, power supply to the equipment must be kept OFF while doing the wiring arrangement. Do not touch the terminals while power is being supplied.
2. Wiring shall be done strictly according to the terminal layout. Confirm that all connections are correct.
3. Use pin type lugged terminals.
4. To eliminate electromagnetic interference, use wires with adequate ratings and twists of the same in equal size shall be made.
5. Cables used for connection to power source, must have a cross section of 1.5mm^2. These wires shall have current carrying capacity of 5A.

■ <08=C4=0=24

1. The equipment should be cleaned regularly to avoid blockage of ventilating Parts.
2. Clean the equipment with a clean soft cloth. Do not use Isopropyl alcohol or any other cleaning agent.

8=B C;C8>= 6D834;8=4B

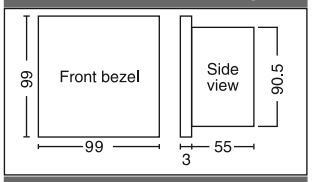
⚠ 20DC8>=

1. This equipment, being built-in type, normally becomes a part of main control panel and in such case the terminals do not remain accessible to the user end after installation and internal wiring.
2. Conductors must not come in contact with the internal circuitry of the equipment or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
3. Before disconnecting the secondary winding of the external current transformer from the equipment, make sure that the current transformer is short circuited to avoid risk of electrical shock and injury.
4. The equipment shall not be installed in environmental condition other than those mentioned in this manual.
5. Thermal dissipation of equipment is met through ventilation holes provided on chassis of equipment. Such ventilation holes shall not be obstructed else it can lead to a safety hazard.
6. Connector screw must be tightened after installation.

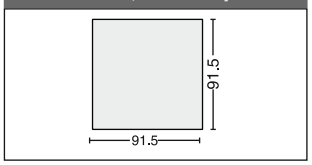
<4270=8200;8CBC= 38<4=B8>=B

1. Prepare panel cut out with proper dimensions as shown in the figure.
2. Push the meter into the panel cutout. Secure the meter in its place by pushing the clamp on the rear side. The screw of the panel clamp must be in the farthest forward slot.
3. For proper sealing tighten the screw evenly with required torque.

>DC;8=4 38<4=B8>=B



?0=4; 2DC=D0\



⚠ 20DC8>=

The equipment in its installed state must not come in close proximity to any heating sources, caustic vapors, oils, steam or other unwanted process by product.

5A>=0=?4; 34B2A8?C8>=

:4H 34B2A8?C8>=	
3UHVV	For 5 sec. to enter or exit from the configuration menu.
3UHVV	For increment configuration parameter & their value.
3UHVV	For decrement configuration parameter & their value.
3UH	To save the setting and go to next page.
3UHVV	To go previous page in configuration menu. For 3 sec. to toggle Control mode(AUTO/MAN).
3UHVV	For 5 sec to enter in Test Mode.Test mode checks all the relays present in product sequentially.
3UHVV	For 5 sec to start Auto-Initialization(A.INT) and read bank values.

Note: The settings should be done by professional after going through this operating manual.

(Specifications subject to change as development is a continuous process.)

Selec Controls Pvt. Ltd., India

Factory Address :
EL-27/1, Electronic Zone, TTC Industrial Area,
MIDC, Mahape, Navi Mumbai - 400 710, INDIA.
Tel. No. : +91-22-28476443 / 1882
Fax No. : +91-22-28471733 I Toll free : 1800 227 353
Website: www.selec.com I Email: sales@selec.com