# APFC346



# Features :

- Single row, 4 digit , Liquid Crystal Display with Backlight
- 1 CT sensing, intelligent switching sequence
- ALM for over current & over temperature
- Up to 8 Stages

#### **Terminal Connection**



#### Compliance

Applicable EMI / EMC standards				
Product standard : IEC 60947-1				
Category		Standards compliance		
ESD immunity	IEC 61000-4-2	Level III (Air Discharge , 8 kV) ; Level II (Contact Discharge , 4kV)		
Surge immunity	IEC 61000-4-5	2kV Common Mode (Line to ground ); 1kV differential mode (Line to line)		
Radiated susceptibility	IEC 61000-4-6	Level III(150kHz to 80MHz) (10V/m)		
Voltage dips and interruptions	IEC 61000-4-11	Dips: 0% during 0.5 cycle (Criteria B); 0% during 1 cycle (Criteria B); 40% during 10 cycle (Criteria B); 70% during 25 cycle (Criteria B); 80% during 250 cycle (Criteria B) Interruptions: 0% during 250/300 cycles (Criteria C)		
Conducted Emission	CISPR 11	Group 1, Class A (150 kHz to 30 MHz)		
Radiated Emission	CISPR-11	Group 1, Class A (30 MHz to 1 GHz)		
Electrical Fat Transien	IEC 61000-4-4	Level III ; 2kV		
Power Frequency Magnetic Field	IEC 610004-8	Continuous Field Level IV ; 30A/m ; Short Duration level IV : 300 A/m		

### **Ordering information**

Product code	Supply voltage	No. of stages	Certification
APFC346-108-230V-CE	85 - 270V AC, 50 - 60Hz	8	CE

#### **Display specifications**

PRELIMINARY DATASHEET

Туре	Liquid crystal display with backlight
Digits	4 digit to show electrical parameter

#### Input specifications

50 to 520V AC
Nominal 5A AC (Min 50mA , Max 6A) 1 CT Sensing
45 - 65 Hz
2P2W
7VA Max
Target PF : -0.800 to +0.800
Automatic
1 to 8
Voltage : 1V
Current : 0.1V
15VA Max

#### Output specifications

Mounting	Panel Type	
Dimension	96 x 96mm	
Housing Material Type	Local PC	

#### **Environmental specifications**

Temperature	Operating : 0°C to 60°C ; Storage : - 20°C to 60°C ; Humidity: 0% to 95% without moisture
	consideration

#### Mechanical specifications

Mounting	Panel mount
Weight	263 gms

## Dimensions (in mm)

