PRELIMINARY



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

Display specifications

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

Input specifications

Rated input voltage 50 to 520V AC

Rated input current range Nominal 5A AC (Min 50mA, Max 6A) 1 CT

Sensing

Frequency 45 - 65 Hz
Wiring Input 2P2W
Power Consumption 7VA Max

Controlling range Target PF : -0.800 to +0.800

Switching Program Automatic

Max Number of Steps 1 to 8

Resolution Voltage: 1V

Current: 0.1V

POWER CONSUMPTION 15VA Max

Output specifications

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

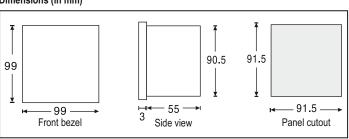
Environmental specifications

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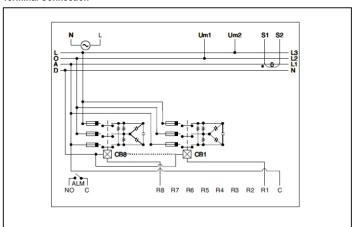
Mechanical specifications

Mounting	Panel mount
Weight	263 gms

Dimensions (in mm)



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	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	C€

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