

## APM489 AC/DC Current Panel Meter

### ■ DESCRIPTION

- 4.5 Digit Red LED high-brightness Display.
- Non-Intrusive AC/DC current monitoring.
- No Microprocessor (Analogue / Digital Technology).
- Display can be rescaled using Jumpers.
- Standard 115 / 230Vac supply (24Vdc supply option available).
- High stability & low cost



### ■ TECHNICAL SPECIFICATION

#### Input

#### Current Input Range (AC/DC)

0 - 15A / 0 - 50A / 0 - 100A / 0 - 200A 50/60Hz ac

➤ Other intermediate ranges also available on request.

**Over load:** 200% of rated range for 10 seconds

**Calibration:** Span adjustment ≤10% of Span.  
Zero adjustment ≤2% of Span.

**Decimal Point:** Any from 0 to 4 decimal places.

**Display LED:** 4.5 digits, 0.8"(20.0mm)H red high-brightness

**Display range:** -0000 ~ 19999; (Default 00.00 to 100.00%)

**Response time:** ≤400 mS (Typical) Up to 10 sec available on request

**Over range:** "0000" flash

**Operating Temp:** 0~60 °C.

**Relative humidity:** 20~95 %R.H.

**Temp coefficient:** ≤100 PPM/ °C ( 23±3°C).  
≤300 PPM/ °C( 0~50°C).

**Storage temp:** -10~70 °C.

**Power supply:** AC: 115/230V ±10%, 50/60 Hz.  
Option: DC 12 V, 24V, 48V ±10% ( Isolated )

**Power consumption:** DC: 3W, AC: 4.5VA

**Dielectric Strength:** AC 2.0 KV for 1 min. (Between Power / Input)

**Weight:** ≤370g

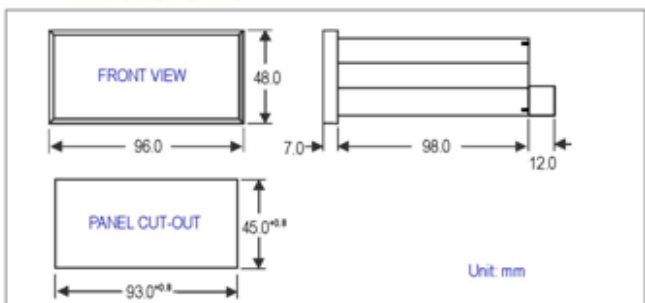
### ■ ADJUSTMENT

**5 Display Range Section:**

Section	Jumper	Display Range	Section	Jumper	Display Range
1		19999~17000	5		9000~ 6250
2		17250~13000	6		6250~ 4250
3		13000~ 9000	7		4250~ 3000
4		12000~ 8250	8		3000~ 2000

**4 Decimal Point Jumper:**

### ■ DIMENSIONS



### ■ CONNECTION DIAGRAM

