## Analog panel meters

## 85、69 series panel meter

## 1 Main structure and work principle

85, 69 series panel meters consist of measuring circuit, measuring mechanism and indicating device, adopting inner magnetic electricity structure. With bakelite case and printing dial & transparent glass cover, the whole looks beautiful and provides an open view.

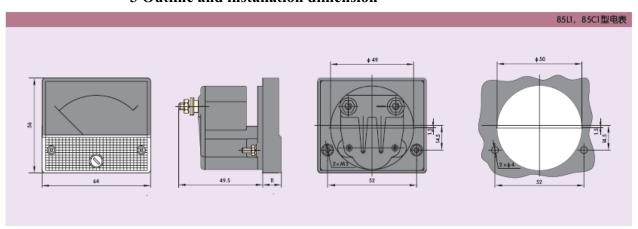


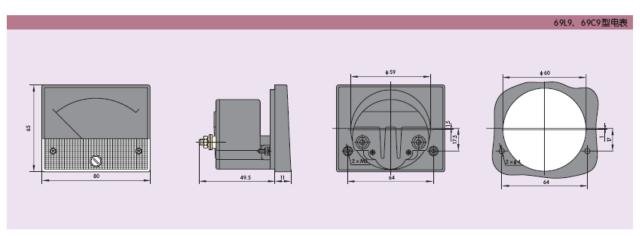
#### 2 Main technical parameters

Product Name	Specification	Measuring Range	Accuracy Class
DC Ammeter	85C1-A 69C9-A 85C17-A	50 μ A~20A (direct) 20A~10kA*/60mV*/75mV (external device)	Class 2.5
DC Voltmeter	85C1-V 69C9-V 85C17-V	5V~750V(direct) 450V~450kV*/1mA*/5mA(external device)	
AC Ammeter	85L1-A 85L17-A 69L9-A 69L17-A 69L13-A	50mA~50A(direct) 5A~10kA*/5A*/1A(external device)	Class 2.5
AC Voltmeter	85L1-V 85L17-V 69L9-V 69L17-V 69L13-V	15V~600V( <u>direct</u> ) 380V~450kV*/100V(external device)	
Frequency Meter	85L1-Hz 69L9-Hz 69L13-Hz	45~55Hz、45~65Hz、55~65Hz etc. Rated voltage 100V 220V 380V	Class 1.0
Power Meter Varmeter	85L1-W/var 69L9-W/var	100V、220V、380V-380kV/100V 5A、5A~10kA/5A(external device)	Class 2.5
3-phase Power Factor Meter	85L1–cos φ 69L9–cos φ	0.5C~1~0.5L 100V 5A,380V 5A	Class 2.5



#### 3 Outline and installation dimension





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