

General Technical Specifications for ANG series AC/DC Ammeters and Voltmeters

Items		Technical Specifications	Reference Standard	Remark
Accuracy Class		1.5 or 2.5	IEC 60051-2	
Response time		≤4s	IEC 60051-1	
Overshoot		≤15%	IEC 60051-1	
Installation position		Vertical Mounting	DIN 16257	
Working Frequency		45-65Hz or 400Hz		
Protection	Front panel	IP40	IEC 60529	Customize front panel: IP52, IP54, IP56, IP65
	Other	IP20		
Continuous Overload	Current	120 % above measurement range	IEC 60051-2	
	Voltage	120 % above measurement range		
Short-term Overload	Current	10 times upper range, 1 or 5 sec.	IEC 60051-2	
		20 times upper range, 1 sec.		
	Voltage	2 times upper range, 1 or 5 sec.		
Reference environmental conditions		Temperature: 23±2°C	IEC 60051-1	
		Humidity:(40~60)%RH		
Working environmental conditions		Temperature: -10°C ~ +55°C		
		Humidity:<95%RH, No condensation		
Storage environmental conditions		Temperature: -25°C ~ +70°C		
		Humidity: <95%RH, No condensation.		
Surge		15g, 11ms	IEC 60051-1	
Vibration		2Hz~13.2Hz: Displacement amplitude ±1mm 13.2Hz~100Hz: Acceleration amplitude±7m/s ²	IEC 60068 GD 01-2006	
Material		All plastic parts are fire retardant	UL94 V0	
Safety requirements				
48x48 mm 90° & 250° scale meters		CAT III 300V, Pollution rating:2		
72x72, 96x96, 120x120, 144x144 mm 90° & 250° scale meters		CAT III 600V, Pollution rating:2		