

85C1, 85L1 type 6 9C9, 6 9L9 type fixed direct action simulation indication electrical measurement instrument

Product features

- Show the measured change trend and convenient reading
- Table cover is made transparent plexiglass
- Use the bolt-fastening installation method

technical parameter



international standard	IEC 51-1~9
national standards	GB/T 7676.1-9
occupation standard	JB/T9281, JB/T 9282、 JB/T 9284、 JB/T 9286、 JB/T 9287
high-voltage insulation test Tolerance to the mechanical impact response time Pointer deflection Angle	The frequency is 50Hz, the voltage is 2000V, and the maximum acceleration of 1min were 147 m/s ² ≤4 s 90 °

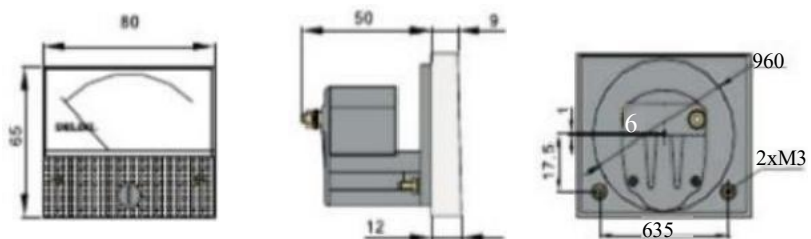
appendix

- FL2 fixed fixed value shunt is used to expand the measurement range of the DC meter, with its rated voltage reduced to 75 mV
- The external power converter is matched with DC ammeter and used to measure active power or reactive power
- The external power factor converter is matched with DC current meter for measuring power factor

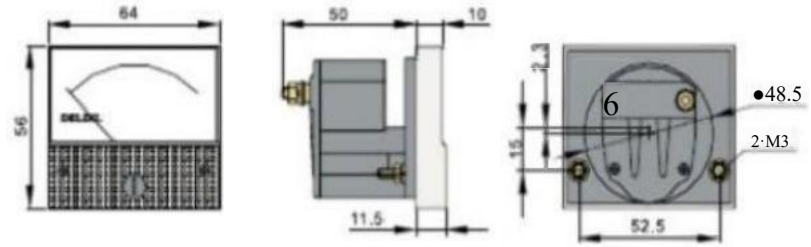


outline overall and installing dimensions unit:mm

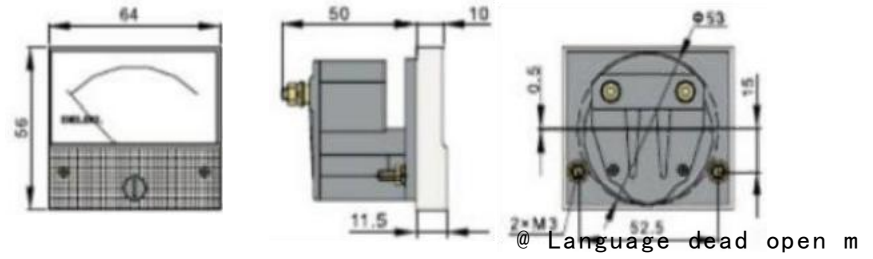
- 69C9-A. V and 69L9-A. V, W, var, COS φ profile and installation dimensions



■ 85C1-A, V and 85L1-A(0.5A~20A), V, W, var, COS ϕ appearance and installation dimensions



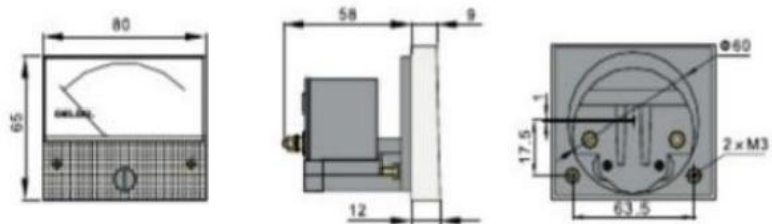
• 85L1-A (25A-50A) Appearance and installation dimensions



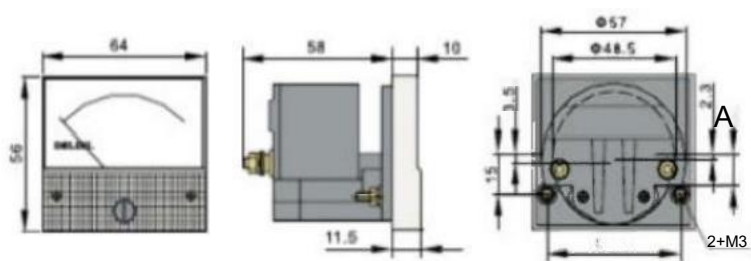
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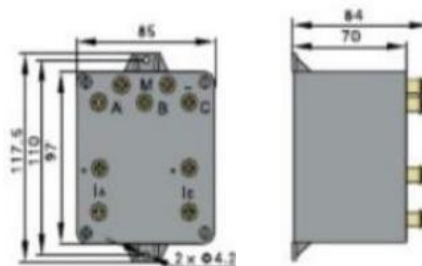
- Appearance and installation size of 69L9-Hz



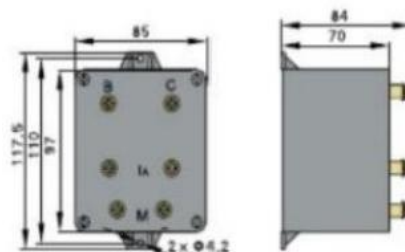
- 85L1-Hz appearance and installation size



- 69L9-W, var and 85L1-W, var external attached power converter appearance and installation size



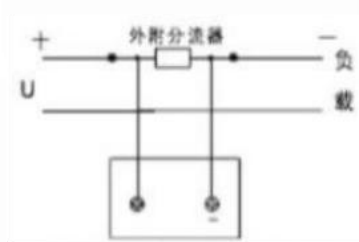
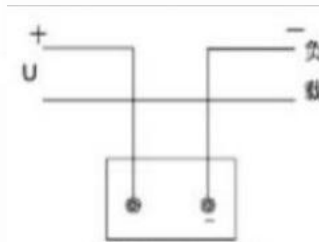
- Appearance and installation size of 69L9-COS ϕ and 85L1-COS ϕ



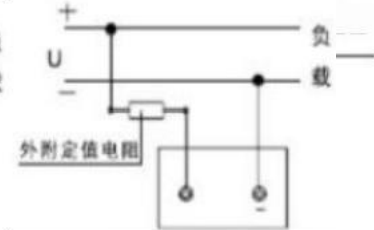
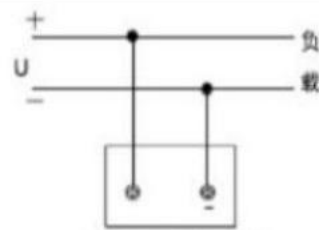
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hookup

- 69C9-A, V, 85C1-A and V wiring diagram

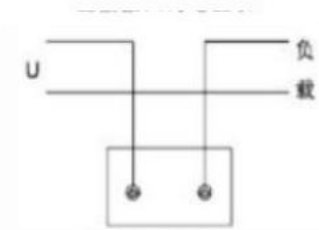


A directly connected ammeter passes through an ammeter connected by a peripheral shunt

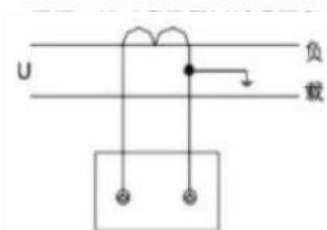


The directly connected voltmeter uses the voltage connected by the fixed value

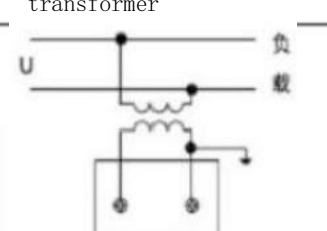
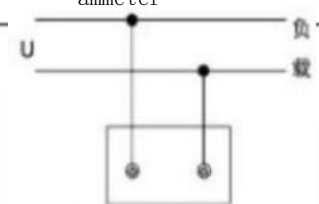
69L9-A,V,85L1-A. V hookup



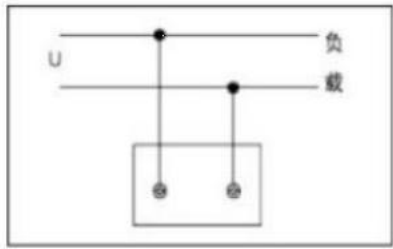
Direct-access ammeter



An ammeter connected through an external transformer

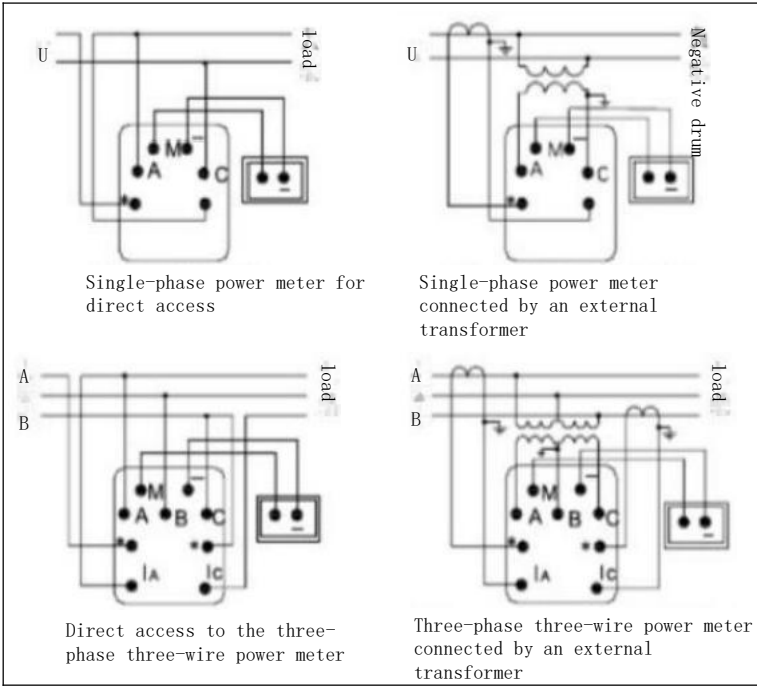


A voltmeter connected through an external transformer

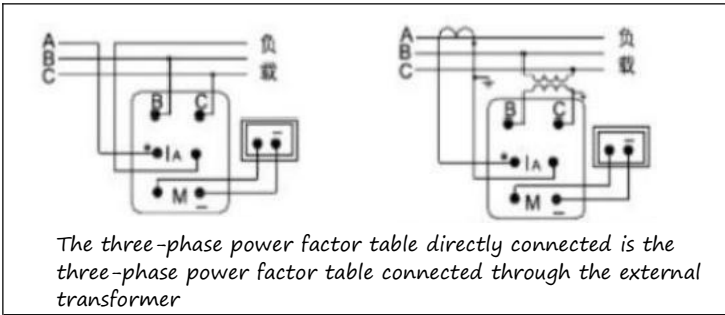


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• 69L9-W, var. 85L1-W, var wiring diagram



• 69L9-COS φ, 85L1-COS φ wiring diagram



Note: The terminal with the " mark is the current incoming end

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Selection guide

product name	input mode	Design serial number	type	range
85	C		A	
85:85	C: direct-current L: exchange	1:1	A: ammeter V: voltmeter W: Active power meter	*:*A(V.Hz.W,va r, COS φ) See the

input mode	type
direct-current	Ammometer, voltmeter
exchange	Ammometer, voltmeter, active power meter, reactive power meter, frequency meter, power factor table

Range parameter table (for details)

product name	model	range	class of accuracy
The DC ammeter	69C9-A 85C1-A	Direct access to 50 μA ~ 500 μA	Level 2.5
		Direct access to 1 mA ~ 500 mA	
		Direct access to 1A ~ 20A	
		Access to 5 A ~ 10 kA via external shunt	
DC voltmeter	69C9-V 85C1-V	Direct access to 3V ~ 600V	Level 2.5
		Access to 750V ~ 1.5kV by external attachment resistance	
An AC ammeter	69L9-A 85L1-A	Direct access to 0.1A-50A	Level 2.5
		The secondary 5A current transformer connects to 5A / 5A ~ 10 kA / 5 A	
A.C. voltmeter	69L9-V 85L1-V	Direct access to 3V ~ 600V	Level 2.5
		Secondary 100V voltage transformer is connected to 380V / 100V 380kV / 100V	
frequency table	69L9-Hz 85L1-Hz	45Hz ~ 55Hz 55Hz ~ 65Hz 45Hz ~ 65Hz	Level 1.0
		100V 220V 380V	
Active power meter reactive power meter	69L9-W 85L1-W	Direct access voltage is 100V 220V 380V The secondary stage is 100V voltage transformer access voltage 380V / 100V 380kV/100V	Level 2.5
		69L9-var 85L1-var	
		Access current 5A / 5A-10 kA / 5A	

	var		
three	69L9-COS	0.5 (advance) -1-0.5 (lag)	
phase	ϕ 85L1-	100V/5A 220V/5A 380V/5A	
power	COS ϕ		
factor			
meter			

Example of order:

If the customer needs a type 69 pointer panel table, the input mode is AC, and the type is an ammeter, then the corresponding order code is:
69L9A *