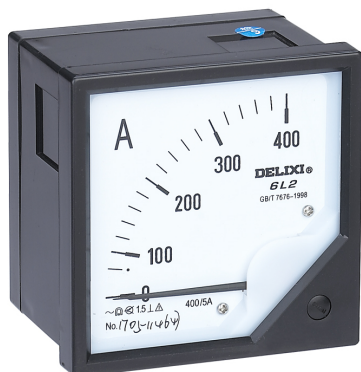


Products



Type 6C4 6C2, 6L2, 42C3, 42L6 Fixed Direct-action Analog-display Panel Meter

Category: **Panel Meter**

Product type

Product name	Input method	Design No.	Type	Range
6	C	2	A	*
6:6 42:42	C:DC L:AC	2:2 3:3 4:4 6:6	A: Ammeter V: Voltmeter W: Active power meter VAR: Reactive power meter HZ: Frequency meter COS: Power factor meter	*:A (V, Hz, W, var, COSφ) See table of range parameters for details

Input Method	Type
DC	Ammeter, Voltmeter
AC	Ammeter, voltmeter, Active power meter, Reactive power meter, Frequency Meter, power factor meter

Range Parameter Table

Product type	Type	Range	Accuracy class
DC Ammeter	6C2-A 6C4-A 42C3-A	Connect directly to 50μA ~ 500μA	Class 1.5 Class 2.5
		Connect directly to 1mA ~ 500mA	
		Connect directly to 1A ~ 20A	
		Connect to 5A ~ 10kA via external shunt	
DC voltmeter	6C2-V 6C4-V 42C3-V	Connect directly to 3V ~ 600V	
		Connect to 750V ~ 1.5kV via external resistant	
AC Ammeter	6L2-A 42L6-A	Connect directly to 0.1A ~ 50A	
		Connect to 5A/5A ~ 10kA/5A via 5A Secondary CT	
AC voltmeter	6L2-V 42L6-V	Directly connect to 3V ~ 600V	
		Connect to 380V/100V ~ 380kV/100V via 100V Secondary VT	
Frequency Meter	6L2-Hz 42L6-Hz	45Hz ~ 55Hz 55Hz ~ 65Hz 45Hz ~ 65Hz	Class 1.0
		100V 220V 380V	
Active power meter Reactive power meter	6L2-W 42L6-W	Connect directly to voltage 100V 220V 380V	Class 2.5
		Connect to 380V/100V ~ 380kV/100V via 100V Secondary VT	
	6L2-var 42L6-var	Connect directly to current 5A	
		Connect to 5A/5A ~ 10kA/5A via 5A Secondary CT	
Three-phase power factor meter	6L2-COSφ 42L6-COSφ	0.5 (lead) ~ 1 ~ 0.5 (lag)	
		100V/5A 220V/5A 380V/5A	

Note: For DC ammeters, the directly-connected current range of Type 6C4 is 1A ~ 10A and 1A ~ 20A is for Type 6C2 and 42C3.

Order Information:

The ordering code for Type 42 pointer panel meter (AC input, ammeter) is 42L6A*.

Technical Parameters

International Standard	IEC 51-1~9
National Standard	GB/T 7676.1~9
Industrial Standard	JB/T 9281, JB/T 9282
Withstand Voltage Test	Frequency: 50Hz, voltage: 2000V, lasting time: 1min
Resistance to mechanical shock	Max. speed: 147m/s ²
Responding time	≤4S
Deflection angle of pointer	90°