

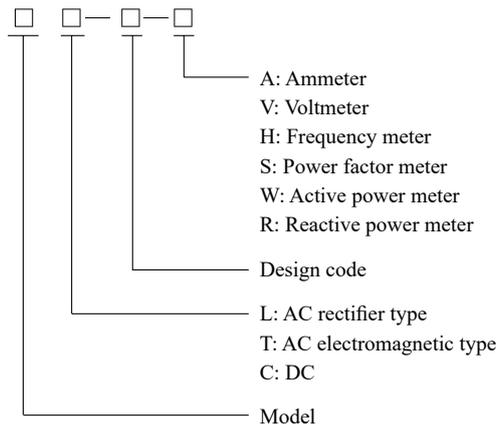
Analogue Panel Meter



1 Overview

Analogue Panel Meters is widely used in direct simulation of the indication of electrical measurement meter and suitable for measurement of AC circuit and DC circuit: electrical parameters such as current, voltage, frequency, power and power factor. The pointer meter has advantages of displaying the change trends of the measured electrical parameters; the meter is mainly used in various electrical control devices in industry and mining, metallurgy, chemical, power, and complete set of equipment, featuring with convenient installation, clear scale, and artistic appearance.

2 Type designation



3 Technical parameters

Influences of vibration and impact	Common type
Installation	Unless otherwise specified, vertically-mounted, allowable inclination angle: $\pm 5^\circ$.
Damping time	<4s
Working environment	Allowable working environment temperature limit: $-25^\circ\text{C}\sim+40^\circ\text{C}$; relative atmosphere humidity: 25%~80%; no dust or corrosive gas in air.
Insulation strength	Voltage withstand test under the sine wave AC 2kV voltage at 50Hz frequency for 1 minute
Insulation resistance	A DC voltage 500V is applied between the housing and the wiring terminal of meter, and the insulation resistance is not below $5\text{M}\Omega$.
Storage temperature	$-40^\circ\text{C}\sim+55^\circ\text{C}$

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4 Application

For meters not listed in the specifications, please contact us for special supply.

For overload ammeter, the overload multiples can be customized as 1, 2, 3, 4, and 5 by user.

5 Index of active power meter

(Table 1)

Connected via the current transformer (secondary current 5A)	Measurement range	Rated voltage (V)											
		Directly connected			Connected via the voltage transformer (secondary voltage 100V)								
		100	220	380	3k	6k	10k	15k	35k	110k	220k	380k	
5	kW	0.8	2	3	25	50	80	120	300	1	2	3	
7.5	kW	1.2	3	5	40	80	120	200	500	1.5	3	5	
10	kW	1.5	4	6	50	100	150	250	600	2	4	6	
15	kW	2.5	6	10	80	150	250	400	1	3	6	10	
20	kW	3	8	12	100	200	300	500	1.2	4	8	12	
30	kW	5	12	20	150	300	500	800	2	6	12	20	
40	kW	6	15	25	200	400	600	1	2.5	8	15	25	
50	kW	8	20	30	300	500	800	1.2	3	10	20	30	
75	kW	12	30	50	400	800	1.2	2	5	15	30	50	
100	kW	15	40	60	500	1	1.5	2.5	6	20	40	60	
150	kW	25	60	100	800	1.5	2.5	4	10	30	60	100	
200	kW	30	80	120	1	2	3	5	12	40	80	120	
300	kW	50	120	200	1.5	3	5	8	20	60	120	200	
400	kW	60	150	250	2	4	6	10	25	80	150	250	
600	kW	100	250	400	3	6	10	15	40	120	250	400	
750	kW	120	300	500	4	8	12	20	50	150	300	500	
800	kW	120	300	500	4	8	15	20	50	150	300	500	
1k	kW	150	400	600	5	10	25	25	60	200	400	600	
1.5k	kW	250	600	1	8	15	25	40	100	300	600	1000	
2k	kW	300	800	1.2	10	20	30	50	120	400	800	1200	
3k	kW	500	1.2	2	15	30	50	80	200	600	1200	2000	
4k	kW	600	1.5	2.5	20	40	60	100	250	800	1500	2500	
5k	kW	800	2	3	25	50	80	120	300	1000	2000	3000	
6k	MW	1	2.5	4	30	60	100	150	400	1200	2500	4000	
7.5k	MW	1.2	3	5	40	80	120	200	500	1500	3000	5000	
10k	MW	1.5	4	6	50	100	150	250	600	2000	3500	6000	

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6 Index of reactive power meter

(Table 2)

Connected via the current transformer (secondary current 5A)	Measurement range	Rated voltage (V)											
		Directly connected			Connected via the voltage transformer (secondary voltage 100V)								
		100	220	380	3k	6k	10k	15k	35k	110k	220k	380k	
5	kW	0.6	1.5	2.5	20	40	60	100	250	800	1.5	2.5	
7.5	kW	1	2.5	4	30	60	100	150	400	1.2	5	4	
10	kW	1.2	3	5	40	80	120	200	500	1.5	3	5	
15	kW	2	5	8	60	120	200	300	800	2.5	5	8	
20	kW	2.5	6	10	80	150	250	400	1	3	6	10	
30	kW	4	10	15	120	250	400	600	1.5	5	10	15	
40	kW	5	12	20	150	300	500	800	2	6	12	20	
50	kW	6	15	25	200	400	600	1	2.5	8	15	25	
75	kW	10	25	40	300	600	1	1.5	4	12	25	40	
100	kW	12	30	50	400	800	1.2	2	5	15	30	50	
150	kW	20	50	80	600	1.2	2	2.5	8	25	50	80	
200	kW	25	60	100	800	1.5	2.5	4	10	30	60	100	
300	kW	40	100	150	1.2	2.5	4	10	15	50	100	150	
400	kW	50	120	200	1.5	3	5	8	20	60	120	200	
600	kW	80	200	300	2.5	5	8	10	30	100	200	300	
750	kW	100	250	400	3	6	10	15	40	120	250	400	
800	kW	100	250	400	3	6	10	20	40	120	250	400	
1k	kW	120	300	500	4	8	12	30	50	150	300	500	
1.5k	kW	200	500	800	6	12	20	40	80	250	500	800	
2k	kW	250	600	1	8	15	25	40	100	300	600	1000	
3k	kW	400	1	1.5	12	25	40	50	150	500	1000	1500	
4k	kW	500	1.2	2	15	30	50	80	200	600	1200	2000	
5k	kW	600	1.5	2.5	20	40	60	100	250	800	1500	2500	
6k	MW	800	2	3	25	50	80	120	300	1000	2000	3000	
7.5k	MW	1	2.5	4	30	60	100	150	400	1200	2500	4000	
10k	MW	1.2	3	5	40	80	120	200	500	1500	3000	5000	