

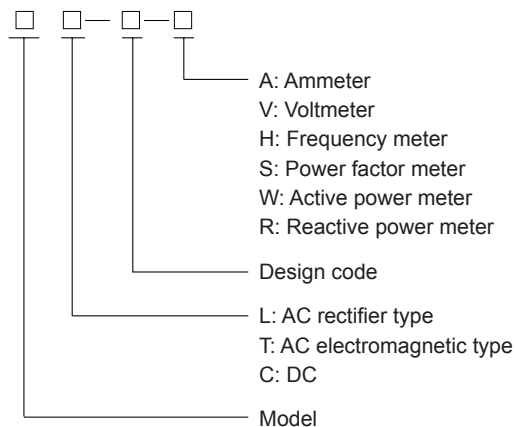
Analogue Panel Meter



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

Technical parameters	Technical standards
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 5M Ω .
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	W	0.8k	2k	3k	25k	50k	80k	120k	300k	1M	2M	3M
7.5	W	1.2k	3k	5k	40k	80k	120k	200k	500k	1.5M	3M	5M
10	W	1.5k	4k	6k	50k	100k	150k	250k	600k	2M	4M	6M
15	W	2.5k	6k	10k	80k	150k	250k	400k	1M	3M	6M	10M
20	W	3k	8k	12k	100k	200k	300k	500k	1.2M	4M	8M	12M
30	W	5k	12k	20k	150k	300k	500k	800k	2M	6M	12M	20M
40	W	6k	15k	25k	200k	400k	600k	1M	2.5M	8M	15M	25M
50	W	8k	20k	30k	300k	500k	800k	1.2M	3M	10M	20M	30M
75	W	12k	30k	50k	400k	800k	1.2M	2M	5M	15M	30M	50M
100	W	15k	40k	60k	500k	1M	1.5M	2.5M	6M	20M	40M	60M
150	W	25k	60k	100k	800k	1.5M	2.5M	4M	10M	30M	60M	100M
200	W	30k	80k	120k	1M	2M	3M	5M	12M	40M	80M	120M
300	W	50k	120k	200k	1.5M	3M	5M	8M	20M	60M	120M	200M
400	W	60k	150k	250k	2M	4M	6M	10M	25M	80M	150M	250M
600	W	100k	250k	400k	3M	6M	10M	15M	40M	120M	250M	400M
750	W	120k	300k	500k	4M	8M	12M	20M	50M	150M	300M	500M
800	W	120k	300k	500k	4M	8M	15M	20M	50M	150M	300M	500M
1k	W	150k	400k	600k	5M	10M	25M	25M	60M	200M	400M	600M
1.5k	W	250k	600k	1M	8M	15M	25M	40M	100M	300M	600M	1000M
2k	W	300k	800k	1.2M	10M	20M	30M	50M	120M	400M	800M	1200M
3k	W	500k	1.2M	2M	15M	30M	50M	80M	200M	600M	1200M	2000M
4k	W	600k	1.5M	2.5M	20M	40M	60M	100M	250M	800M	1500M	2500M
5k	W	800k	2M	3M	25M	50M	80M	120M	300M	1000M	2000M	3000M
6k	W	1M	2.5M	4M	30M	60M	100M	150M	400M	1200M	2500M	4000M
7.5k	W	1.2M	3M	5M	40M	80M	120M	200M	500M	1500M	3000M	5000M
10k	W	1.5M	4M	6M	50M	100M	150M	250M	600M	2000M	3500M	6000M

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(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	W	0. 6k	1. 5k	2. 5k	20k	40k	60k	100k	250k	800k	1. 5M	2. 5M
7. 5	W	1k	2. 5k	4k	30k	60k	100k	150k	400k	1. 2M	5M	4M
10	W	1. 2k	3k	5k	40k	80k	120k	200k	500k	1. 5M	3M	5M
15	W	2k	5k	8k	60k	120k	200k	300k	800k	2. 5M	5M	8M
20	W	2. 5k	6k	10k	80k	150k	250k	400k	1M	3M	6M	10M
30	W	4k	10k	15k	120k	250k	400k	600k	1. 5M	5M	10M	15M
40	W	5k	12k	20k	150k	300k	500k	800k	2M	6M	12M	20M
50	W	6k	15k	25k	200k	400k	600k	M1	2. 5M	8M	15M	25M
75	W	10k	25k	40k	300k	600k	1M	1. 5M	4M	12M	25M	40M
100	W	12k	30k	50k	400k	800k	1. 2M	2M	5M	15M	30M	50M
150	W	20k	50k	80k	600k	1. 2M	2M	2. 5M	8M	25M	50M	80M
200	W	25k	60k	100k	800k	1. 5M	2. 5M	4M	10M	30M	60M	100M
300	W	40k	100k	150k	1. 2M	2. 5M	4M	10M	15M	50M	100M	150M
400	W	50k	120k	200k	1. 5M	3M	5M	8M	20M	60M	120M	200M
600	W	80k	200k	300k	2. 5M	5M	8M	10M	30M	100M	200M	300M
750	W	100k	250k	400k	3M	6M	10M	15M	40M	120M	250M	400M
800	W	100k	250k	400k	3M	6M	10M	20M	40M	120M	250M	400M
1k	W	120k	300k	500k	4M	8M	12M	30M	50M	150M	300M	500M
1. 5k	W	200k	500k	800k	6M	12M	20M	40M	80M	250M	500M	800M
2k	W	250k	600k	1M	8M	15M	25M	40M	150M	500M	1000M	1500M
3k	W	400k	1M	1. 5M	12M	25M	40M	50M	150M	500M	1000M	1500M
4k	W	500k	1. 2M	2M	15M	30M	50M	80M	200M	600M	1200M	2000M
5k	W	600k	1. 5M	2. 5M	20M	40M	60M	100M	250M	800M	1500M	2500M
6k	W	800k	2M	3M	25M	50M	80M	120M	300M	1000M	2000M	3000M
7. 5k	W	1M	2. 5M	4M	30M	60M	100M	150M	400M	1200M	2500M	4000M
10k	W	1. 2M	3M	5M	40M	80M	120M	200M	500M	1500M	3000M	5000M