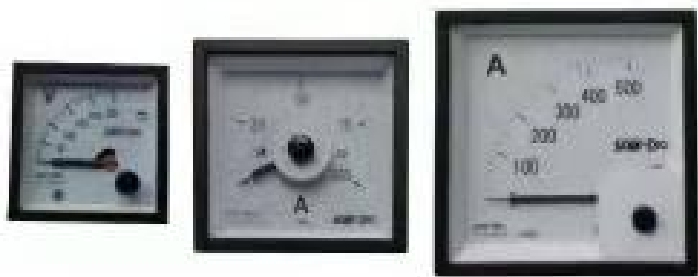
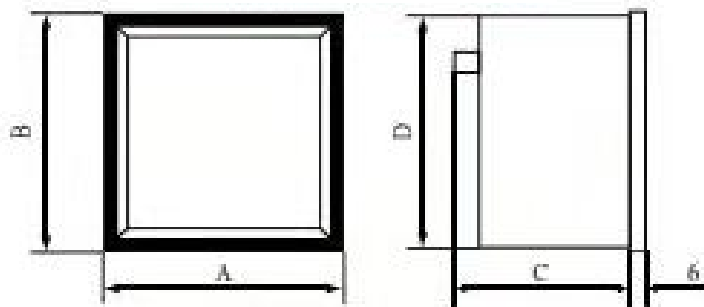


# AC ammeter



Dimensions of Q-shaped instrument



Size unit : mm

## Characteristic:

Used to measure the current and voltage of AC networks

Measurement accuracy: Level 1.5  
 Withstand voltage: 2KV 50Hz 1 minute  
 Operating ambient temperature: -25°C ~ +55 °C ~  
 Shell protection level: IP44  
 IP56: Suitable for Q72

and Q96 instruments with sealing covers  
 Vibration resistance at work: 2-100Hz acceleration < 0.7g  
 Relative humidity: ≤ 98% RH  
 Rated frequency: 50Hz: 60Hz: 400Hz

EXPANSION ANGLE	EXPANSION ANGLE	DIMENSIONS (AXBXC)	OPENING DIMENSIONS (DXD)	WEIGHT (kg)	REMARKS
Q48-RBC	90°	48X48X67	44+0.5X44+0.5	0.15	Measuremen accuracy:2.5
Q72-RBC		72X72X63	68+0.5X68+0.5	0.30	
Q96-RBC		96X96X80	92+0.5X92+0.5	0.40	
Q144-RBC		144X144X80	138+0.5X138+0.5	1.25	
Q72H-RBC	Groove type	72x36x96	67+0.5x34+0.5	0.35	
Q96H-RBC		96x48x124	92+0.5x44+0.5	0.45	
Q72-RBC	240°	72x72x102	68+0.5x68+0.5	0.40	
Q96-RBC		96x96x80	92+0.5x92+0.5	0.50	
Q144-RBC		144x144x80	138+0.5x138+0.5	1.25	
EXPANSION ANGLE	EXPANSION ANGLE	DIMENSIONS (AXBXC)	OPENING DIMENSIONS (DXD)	WEIGHT (kg)	REMARKS
63L 10	240°	80X80X100	∅70-64 64-∅5	0.90	Measuremen accuracy:2.5
45L 1		120X120X116	∅106-96X96-∅7	1040	
13L 1		160X160X116	∅106-128X128-∅7	1080	

## Measuring range:

V	Connected to the secondary voltage 100V through a voltage transformer(PT)		Connected to the secondary current 1A through the current transformer(CT) 5A		
	V	KV	A	A	KA
0 ~ 50		0 ~ 3 (3K/100V)	0 ~ 0.5	0 ~ 10	0 ~ 1
0 ~ 75		0 ~ 3.6 (3K100V)	0 ~ 1	0 ~ 20	0 ~ 1.5
0 ~ 100		0 ~ 7.2 (3K/100V)	0 ~ 2	0 ~ 30	0 ~ 2
0 ~ 150	0 ~ 220	Or 0 ~ 7.2 (6k/100v)	0 ~ 3	0 ~ 50	0 ~ 3
0 ~ 250	0 ~ 380	0 ~ 12 (6k/100v)	0 ~ 5	0 ~ 75	0 ~ 4
0 ~ 300	0 ~ 440	Or 0 ~ 12 (10k/100v)	0 ~ 10	0 ~ 100	0 ~ 5
0 ~ 450		0 ~ 18 (15k/100v)	0 ~ 20	0 ~ 150	0 ~ 6
0 ~ 500		0 ~ 42 (35k/100v)		0 ~ 200	0 ~ 7.5
0 ~ 600				0 ~ 300	0 ~ 10
				0 ~ 400	
				0 ~ 600	
				0 ~ 750	
				0 ~ 800	