

YUE QING HEYI ELECTRICAL CO.,LTD

ADD:ShangYanHou Village,LiuShi Town,YueQing City,ZheJiang,CHINA

TEL:86-577-62659558

FAX:86-577-62659558

contact :Mrs Bethy

E-mail:heyi@heyielectrical.com

Web:www.transformerfactory.com



MSQ Series

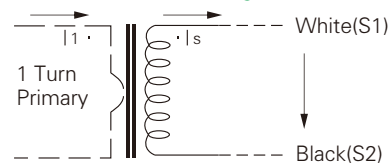


MSQ range of current transformers can be applied to test, control, display and record the running of the electrical equipment, and to protect the equipment against the damage, in the AC circuit with the rated voltage value below 720V and the frequency of 50–60Hz. The product can be also applied to form a complete set of mine transformer

Features

- Safe, easy to install, portable
- Wide inner window, allowing clamping of big cables or bus-bars
- Wide range of sizes to accommodate all the existing installations

Circuit connection diagram



Applications

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air-condition equipment and automation-control system.
- Current, power and energy monitoring device.
- Relay protection device.

Technique Index

Electrical Parameter	
Frequency	50/60Hz
Rated Input	1A–5000A
Measuring range	5% In–120% In
Rated Output	1A, 5A
Rated Voltage	0.72KV(AC)
Dielectric strength	3.0KV/1mA/1min
Insulation Resistance	DC500V/100MΩmin

Mechanical Parameter	
Case	PC/UL94–V0
Bobbin	PBT
Core	Silicon steel
Construction	Screw
Operating Temp	–25°C ~ +75°C
Operating Humidity	≤85%
Output Connection	Terminal

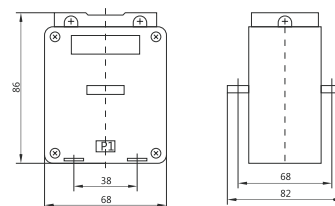
MSQ Series



MSQ-B

Technical parameter

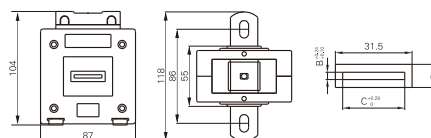
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-B	5/5A	2.5	5	50/60
	10/5A	2.5	5	50/60
	15/5A	2.5	5	50/60
	20/5A	2.5	5	50/60
	25/5A	2.5	5	50/60
	30/5A	2.5	5	50/60
	40/5A	2.5	5	50/60
	50/5A	2.5	5	50/60
75/5A	2.5	5	50/60	



MSQ-30B

Technical parameter

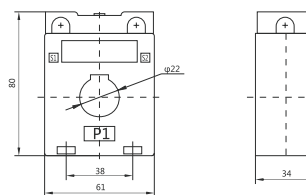
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-30B	5/5A	5	7.5	50/60
	10/5A	5	7.5	50/60
	15/5A	5	7.5	50/60
	20/5A	5	7.5	50/60
	25/5A	5	7.5	50/60
	30/5A	5	7.5	50/60
	50/5A	5	7.5	50/60
	60/5A	5	7.5	50/60
	100/5A	5	7.5	50/60
	150/5A	5	7.5	50/60
	200/5A	5	7.5	50/60
	250/5A	5	7.5	50/60
	300/5A	5	7.5	50/60



MSQ-20

Technical parameter

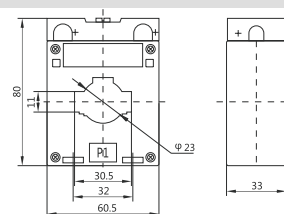
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-20	75/5A	-	2.5	50/60
	100/5A	-	2.5	50/60



MSQ-30I

Technical parameter

TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-30I	30/5A	2.5	5	50/60
	50/5A	2.5	5	50/60
	75/5A	2.5	5	50/60
	100/5A	5	5	50/60
	150/5A	2.5	5	50/60
	200/5A	5	5	50/60
	300/5A	5	5	50/60



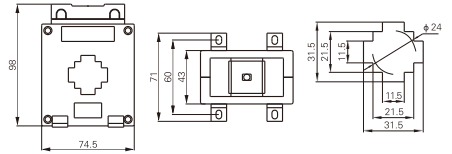
MSQ Series



MSQ-30

Technical parameter

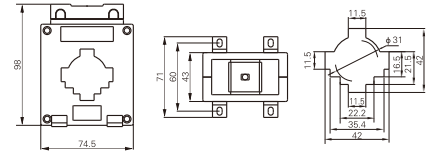
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-30	30/5A	2.5	2.5	50/60
	40/5A	2.5	2.5	50/60
	50/5A	2.5	2.5	50/60
	60/5A	2.5	2.5	50/60
	75/5A	2.5	2.5	50/60
	80/5A	2.5	2.5	50/60
	100/5A	5	5	50/60
	150/5A	5	5	50/60
	200/5A	5	5	50/60
	250/5A	5	7.5	50/60
300/5A	10	10	50/60	



MSQ-40

Technical parameter

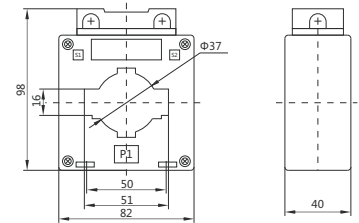
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-40	100/5A	2.5	5	50/60
	150/5A	2.5	5	50/60
	200/5A	5	5	50/60
	250/5A	5	5	50/60
	300/5A	5	5	50/60
	400/5A	5	10	50/60
	500/5A	5	10	50/60



MSQ-50

Technical parameter

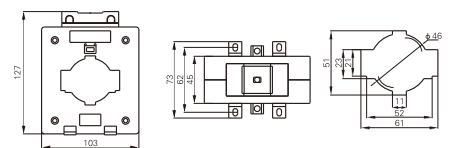
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-50	150/5A	-	2.5	50/60
	200/5A	2.5	2.5	50/60
	250/5A	5	5	50/60
	300/5A	5	5	50/60
	400/5A	5	5	50/60
	500/5A	10	10	50/60
	600/5A	10	10	50/60
	750/5A	10	10	50/60
	800/5A	10	10	50/60
	1000/5A	10	10	50/60
	1200/5A	20	20	50/60



MSQ-60

Technical parameter

TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-60	250/5A	5	5	50/60
	300/5A	5	5	50/60
	400/5A	5	10	50/60
	500/5A	5	10	50/60
	600/5A	5	10	50/60
	750/5A	5	10	50/60
	800/5A	7.5	10	50/60
	1000/5A	10	15	50/60
	1200/5A	10	15	50/60
	1500/5A	15	15	50/60
1600/5A	15	15	50/60	



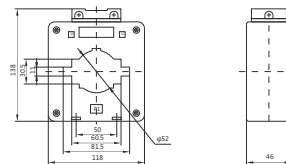
MSQ Series



MSQ-80

Technical parameter

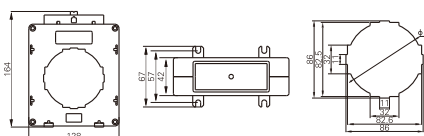
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-80	750/5A	5	10	50/60
	800/5A	10	10	50/60
	1000/5A	10	10	50/60
	1200/5A	10	15	50/60
	1500/5A	15	15	50/60
	1600/5A	15	15	50/60
	2000/5A	15	15	50/60



MSQ-85

Technical parameter

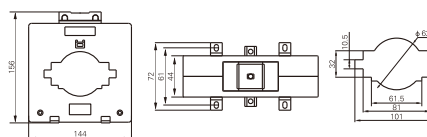
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-85	750/5A	5	10	50/60
	800/5A	5	10	50/60
	1000/5A	7.5	10	50/60
	1200/5A	10	15	50/60
	1500/5A	10	15	50/60
	1600/5A	10	15	50/60
	2000/5A	15	15	50/60



MSQ-100

Technical parameter

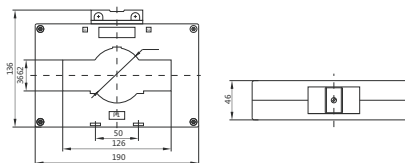
TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-100	800/5A	5	5	50/60
	1000/5A	10	10	50/60
	1200/5A	10	15	50/60
	1250/5A	10	15	50/60
	1500/5A	10	15	50/60
	1600/5A	10	15	50/60
	2000/5A	10	15	50/60
	2500/5A	10	15	50/60
	3000/5A	10	15	50/60



MSQ-120

Technical parameter

TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-120	1000/5A	10	10	50/60
	1200/5A	20	20	50/60
	1500/5A	20	20	50/60
	2000/5A	20	20	50/60
	2500/5A	40	40	50/60
	3000/5A	40	40	50/60
	4000/5A	40	40	50/60



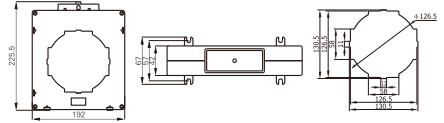
MSQ Series



MSQ-125

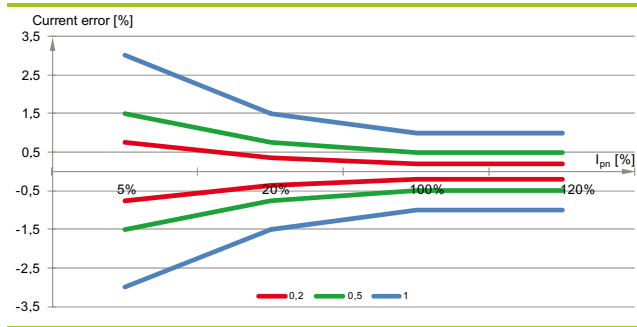
Technical parameter

TYPE	Ratio(A)	Burden(VA)		Rated Frequency(Hz)
		Class:0.5	Class:1.0	
MSQ-125	1000/5A	5	10	50/60
	1200/5A	7.5	10	50/60
	1500/5A	10	15	50/60
	1600/5A	10	15	50/60
	2000/5A	15	20	50/60
	2500/5A	15	20	50/60
	3000/5A	15	20	50/60
	4000/5A	15	20	50/60
	5000/5A	20	20	50/60
	6000/5A	20	20	50/60

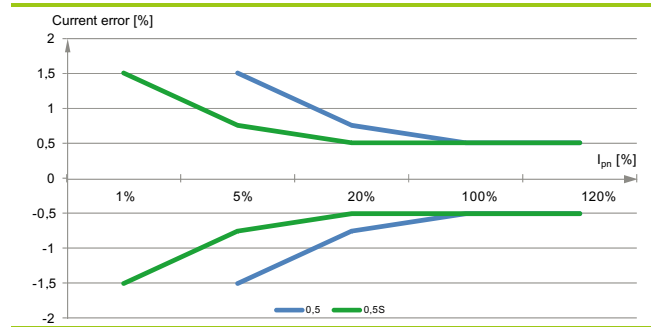


Accuracy class characteristics:

a) classes 0.2; 0.5; 1



b) comparison of classes 0.5 and 0.5S



Installation

