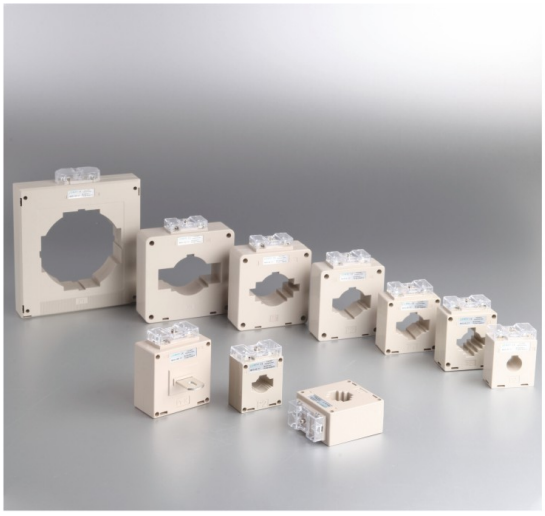
MSQ Series

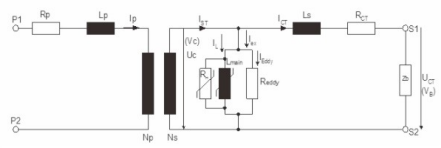


MSQ range of current transformers can be applied to test,control,display and record the running of the electrical equipment,and to protect the equipment against the damage,in the AC circuit with the rated voltage value below 720V and the frequency of 50–60Hz. The product can be also applied to form a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

Electrical Parameter	
Frequency	50/60Hz
Rated Input	1A–6000A
Measuring range	5%In–120%In
Rated Outputt	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℃ ~ +75℃
Operating Humidity	≤85%
Outputt Connection	Terminal

Standard

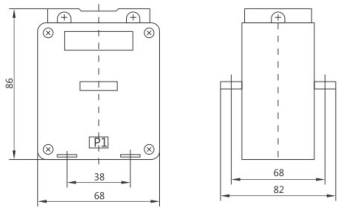
IEC61869–2, EN60044–1, VDE0414–44–1, GB1208–2006



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



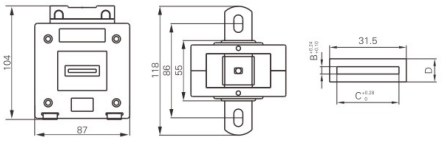
MSQ Series



MSQ-30B

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
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

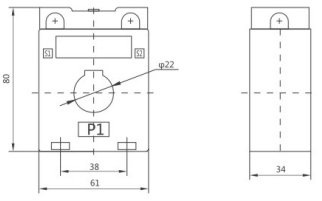




MSQ-20

Technical parameter

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

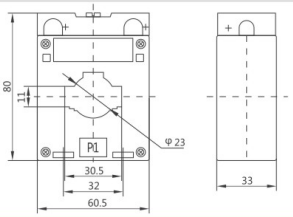




MSQ-30I

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
MSQ-30I	30/5A	–	1	50/60
	50/5A	–	1	50/60
	75/5A	–	1.5	50/60
	100/5A	2.5	2.5	50/60
	150/5A	2.5	2.5	50/60
	200/5A	2.5	2.5	50/60
	250/5A	2.5	2.5	50/60
	300/5A	5	5	50/60

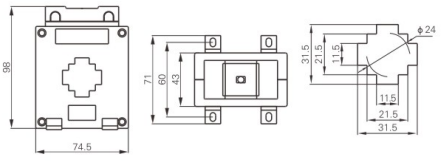




MSQ-30

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
MSQ-30	30/5A	–	1	50/60
	40/5A	–	1	50/60
	50/5A	–	1	50/60
	60/5A	–	1.5	50/60
	75/5A	–	1.5	50/60
	80/5A	–	2.5	50/60
	100/5A	2.5	5	50/60
	150/5A	2.5	5	50/60
	200/5A	5	5	50/60
	250/5A	5	7.5	50/60
	300/5A	10	10	50/60



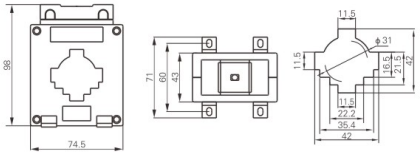
MSQ Series



MSQ-40

Technical parameter

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

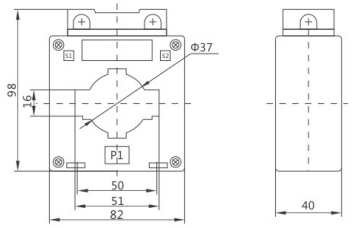




MSQ-50

Technical parameter

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

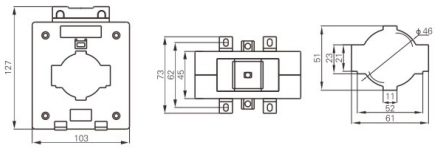




MSQ-60

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
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

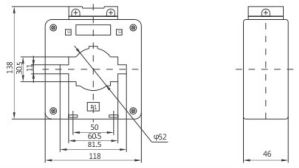




MSQ-80

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
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



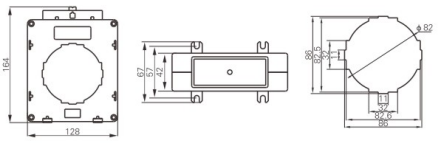
MSQ Series



MSQ-85

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
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

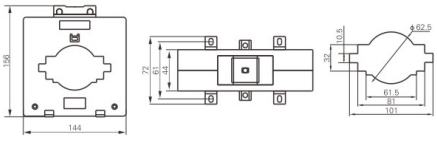




MSQ-100

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
MSQ-100	800/5A	5	10	50/60
	1000/5A	10	15	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

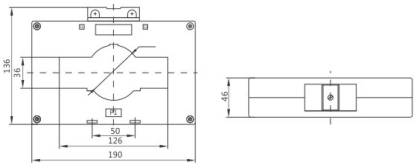




MSQ-120

Technical parameter

TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
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

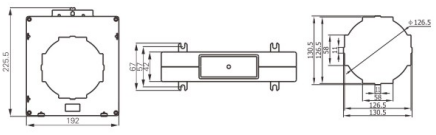




MSQ-125

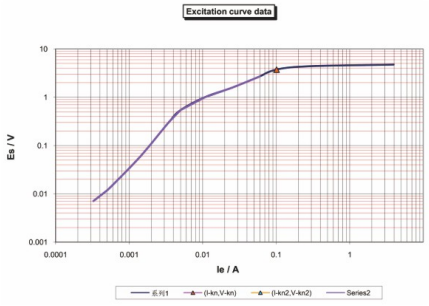
Technical parameter

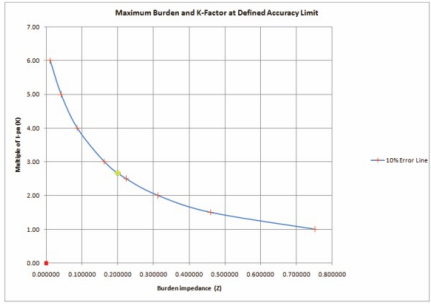
TYPE	Ratio(A)	Burden(VA) Class:0.5	Burden(VA) Class:1.0	Rated Frequency(Hz)
MSQ-125	1000/5A	5	10	50/60
	1200/5A	7.5	10	50/60
	1500/5A	10	15	50/60
	1600/5A	10	15	50/60
	2000/5A	15	20	50/60
	2500/5A	15	20	50/60
	3000/5A	15	20	50/60
	4000/5A	15	20	50/60
	5000/5A	20	20	50/60
	6000/5A	20	20	50/60

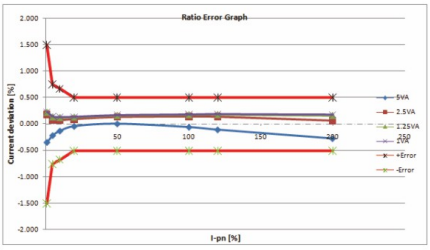


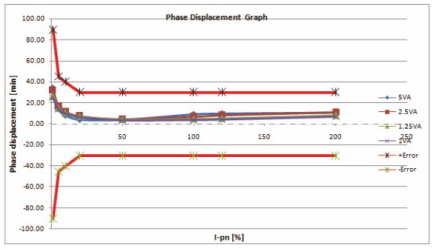
MSQ Series

Accuracy class characteristics:









I nstallation

