

DESCRIPTION

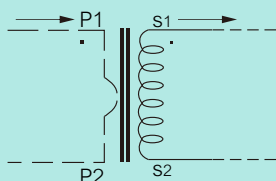
FEATURE

- Measurement class 0.5, 1.0
- Primary current input 5A~6000A
- Safe, easy to install, portable
- Wide range of sizes to accommodate all the existing installations
- Wide inner window, allowing clamping of big cables
- Standard: EN60044-1, VDE0414-44-1, IEC60044-1, IEC61869-2

APPLICATION

- 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.
- Current, power and energy monitoring device.
- Switchgear, Control panels, Building automation systems.

Circuit connection diagram



CT-series this series 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 660V and the frequency of 50 - 60Hz. The product can be also applied to form a complete set of mine transformer. Flame resistant and self-extinguishing according to UL94-V0

The products complies with DIN 42600, BS 3938, IEC 185 or IEC 60185, IEC 60044-1 and tested IEC 61869-2 standard.



TECHNICAL SPECIFICATION

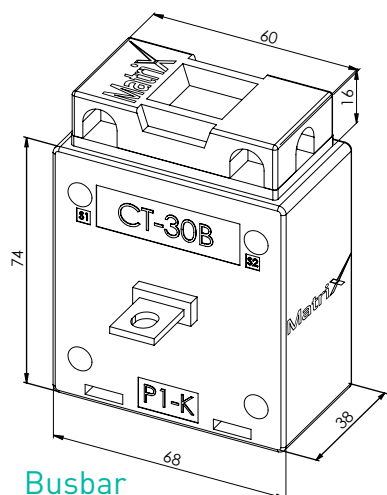
Electrical Parameter

Primary current	5A to 6000A
Secondary current	1A, 5A
Rated burden	2.5VA to 20VA
Accuracy class	0.5, 1.0
System voltage	660V (AC) maximum
Operating frequency	AC 50Hz - 60Hz
Thermal short circuit current (I _{th})	60 x I _n
Dynamic short circuit current (I _{dyn})	2.5 x I _{th}
Instrument security factor FS	FS<5
Insulation class	E (120°C max.)

Mechanical Parameter

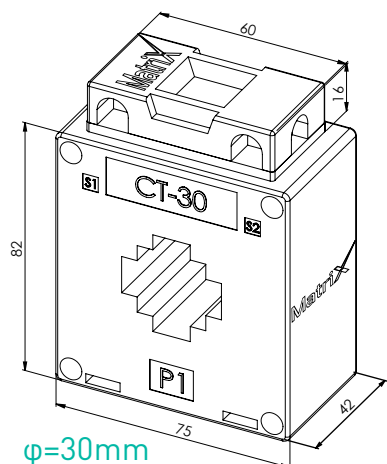
Case material	Polycarbonate/UL94-V0
Mounting modes	Din Rail, Busbar
Connection	Two connection on each side. M4 screws with self lifting clamp strap for all type
Ambient temperature	-20°C ...+45°C
Operating temperature	-10°C ...+55°C
Storage temperature	-50°C...+80°C
Humidity	<95% RH (non condensing)
Test voltage	3 kV AC ; 50 Hz; 1 min.
Applicable standard	IEC/EN 60044-1, IEC/EN 61869-2

MODEL AND DIMENSION



Size	Model	Rated Current ratio(A)	Burden(VA) 0.5	Accuracy 1.0
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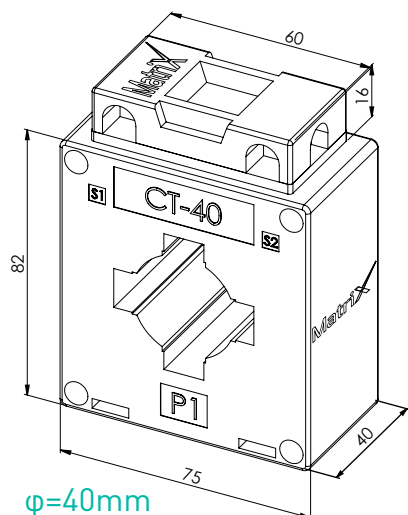
CT-30B	5/5A	2.5	5
CT-30B	10/5A	2.5	5
CT-30B	15/5A	2.5	5
CT-30B	20/5A	2.5	5
CT-30B	30/5A	2.5	5
CT-30B	40/5A	2.5	5
CT-30B	50/5A	2.5	5
CT-30B	100/5A	2.5	5
CT-30B	5/1A	2.5	5
CT-30B	10/1A	2.5	5
CT-30B	15/1A	2.5	5
CT-30B	20/1A	2.5	5
CT-30B	30/1A	2.5	5
CT-30B	40/1A	2.5	5
CT-30B	50/1A	2.5	5
CT-30B	100/1A	2.5	5



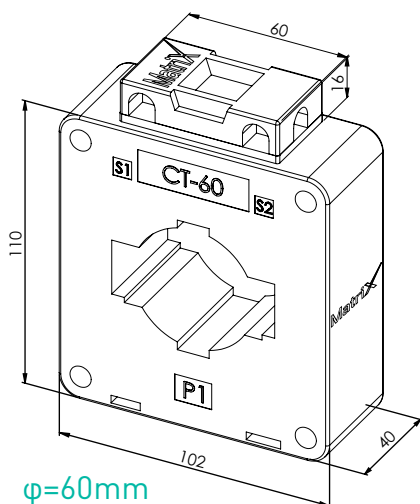
CT-30	50/5A	2.5	2.5
CT-30	60/5A	2.5	2.5
CT-30	80/5A	2.5	2.5
CT-30	100/5A	5	5
CT-30	150/5A	5	5
CT-30	200/5A	5	5
CT-30	250/5A	5	7.5
CT-30	300/5A	5	5
CT-30	50/1A	2.5	2.5
CT-30	60/1A	2.5	2.5
CT-30	80/1A	2.5	2.5
CT-30	100/1A	5	5
CT-30	150/1A	5	5
CT-30	200/1A	5	5
CT-30	250/1A	5	7.5
CT-30	300/1A	5	5

*Dimensions unit in mm.

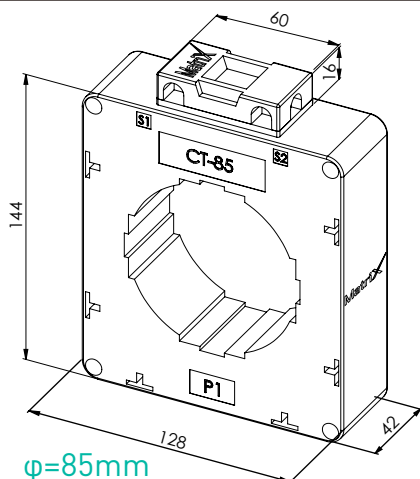
MODEL AND DIMENSION



Size	Model	Rated Current ratio(A)	Burden(VA) 0.5	Accuracy 1.0
CT-40	CT-40	150/5A	2.5	5
	CT-40	200/5A	5	5
	CT-40	250/5A	5	5
	CT-40	300/5A	5	5
	CT-40	400/5A	5	10
	CT-40	150/1A	2.5	5
	CT-40	200/1A	5	5
	CT-40	250/1A	5	5
	CT-40	300/1A	5	5
	CT-40	400/1A	5	10



CT-60	CT-60	300/5A	5	5
	CT-60	400/5A	5	5
	CT-60	500/5A	5	10
	CT-60	600/5A	5	10
	CT-60	800/5A	7.5	10
	CT-60	1000/5A	10	15
	CT-60	300/1A	5	10
	CT-60	400/1A	5	10
	CT-60	500/1A	5	10
	CT-60	600/1A	5	10
	CT-60	800/1A	7.5	10
	CT-60	1000/1A	10	15



CT-85	CT-85	600/5A	5	5
	CT-85	800/5A	5	5
	CT-85	1000/5A	7.5	15
	CT-85	1200/5A	10	15
	CT-85	1500/5A	10	15
	CT-85	1600/5A	10	15
	CT-85	2000/5A	15	15
	CT-85	600/1A	5	5
	CT-85	800/1A	5	5
	CT-85	1000/1A	7.5	15

*Dimensions unit in mm.

MODEL AND DIMENSION

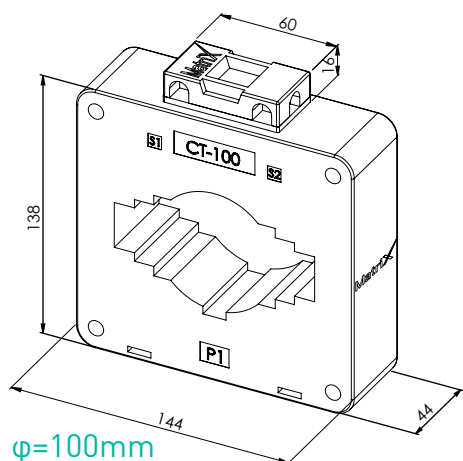
Size	Model	Rated Current ratio(A)	Burden(VA)		Accuracy
			0.5	1.0	

CT-85	1200/1A	10	15
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CT-85	1500/1A	10	15
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CT-85	1600/1A	10	15
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CT-85	2000/1A	15	15
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CT-100	1000/5A	10	10
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CT-100	1200/5A	10	15
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CT-100	1500/5A	10	15
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CT-100	1600/5A	10	15
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CT-100	2000/5A	10	15
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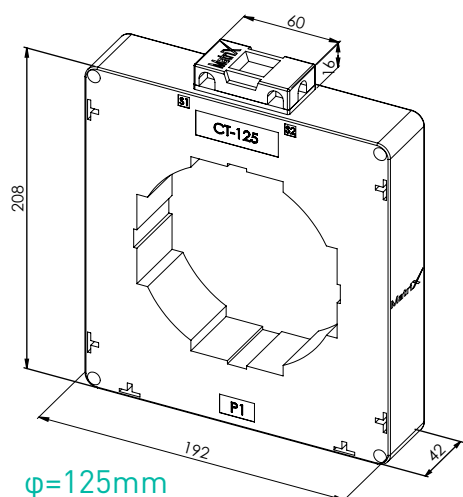
CT-100	1000/1A	10	10
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CT-100	1200/1A	10	15
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CT-100	1500/1A	10	15
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CT-100	1600/1A	10	15
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CT-100	2000/1A	10	15
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CT-125	2000/5A	15	20
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CT-125	2500/5A	15	20
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CT-125	3000/5A	15	20
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CT-125	4000/5A	15	20
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CT-125	5000/5A	20	20
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CT-125	6000/5A	20	20
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CT-125	2000/1A	15	20
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CT-125	2500/1A	15	20
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CT-125	3000/1A	15	20
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CT-125	4000/1A	15	20
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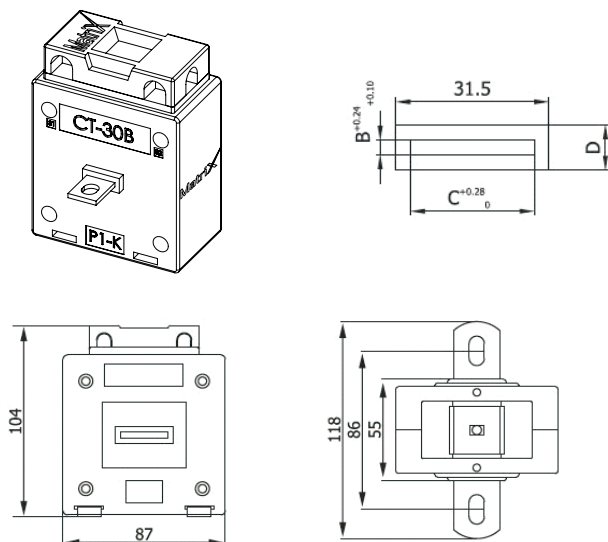
CT-125	5000/1A	20	20
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CT-125	6000/1A	20	20
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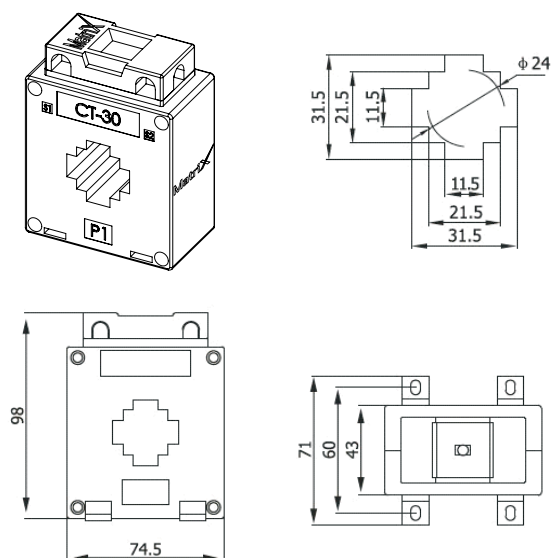
*Dimensions unit in mm.

MODEL AND DIMENSION

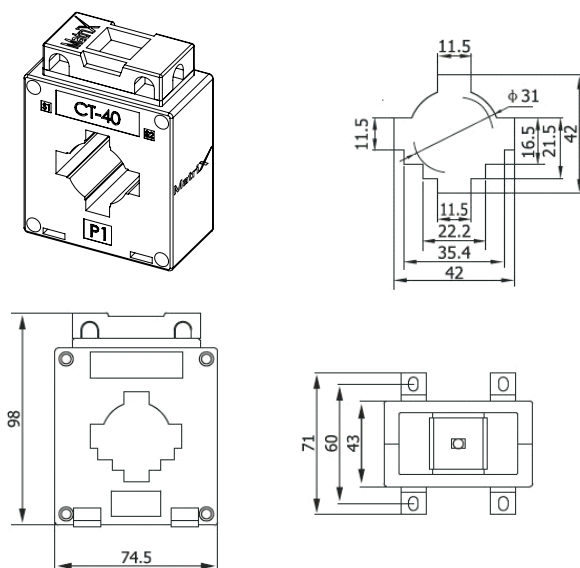
CT-30B



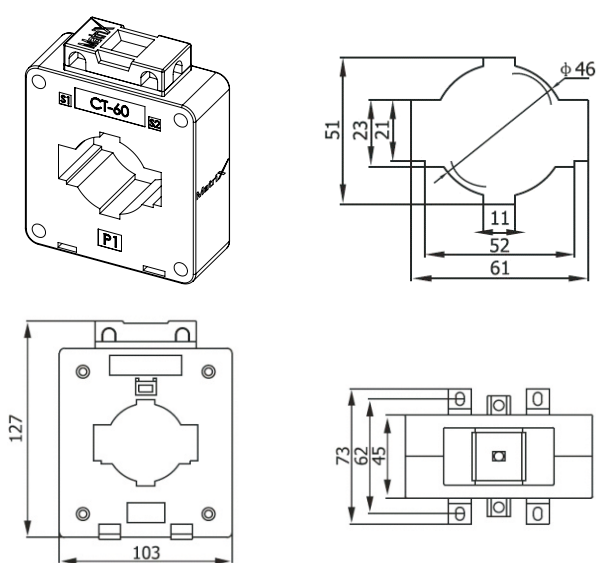
CT-30



CT-40



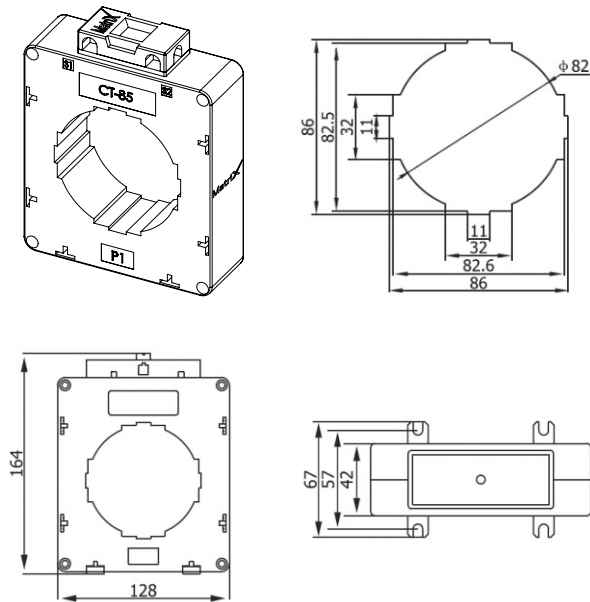
CT-60



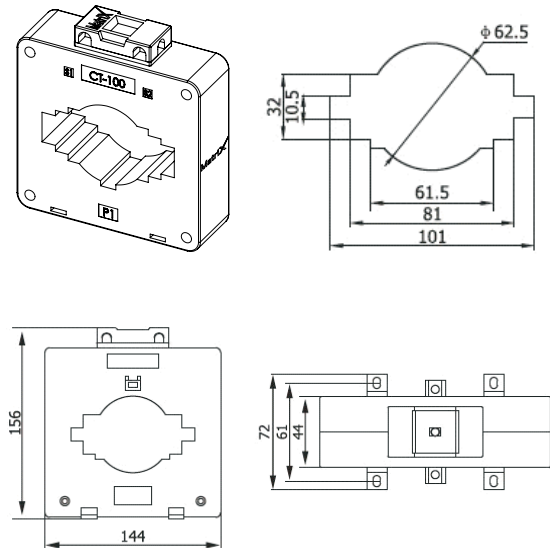
*Dimensions unit in mm.

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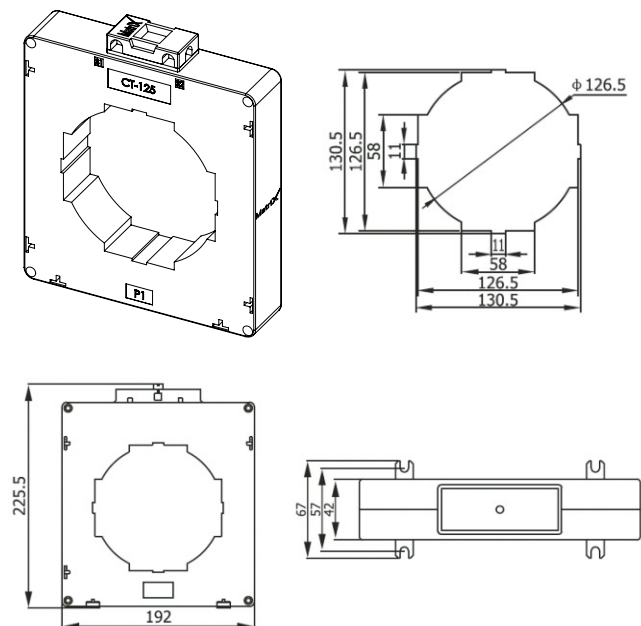
CT-85



CT-100



CT-125



*Dimensions unit in mm.



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