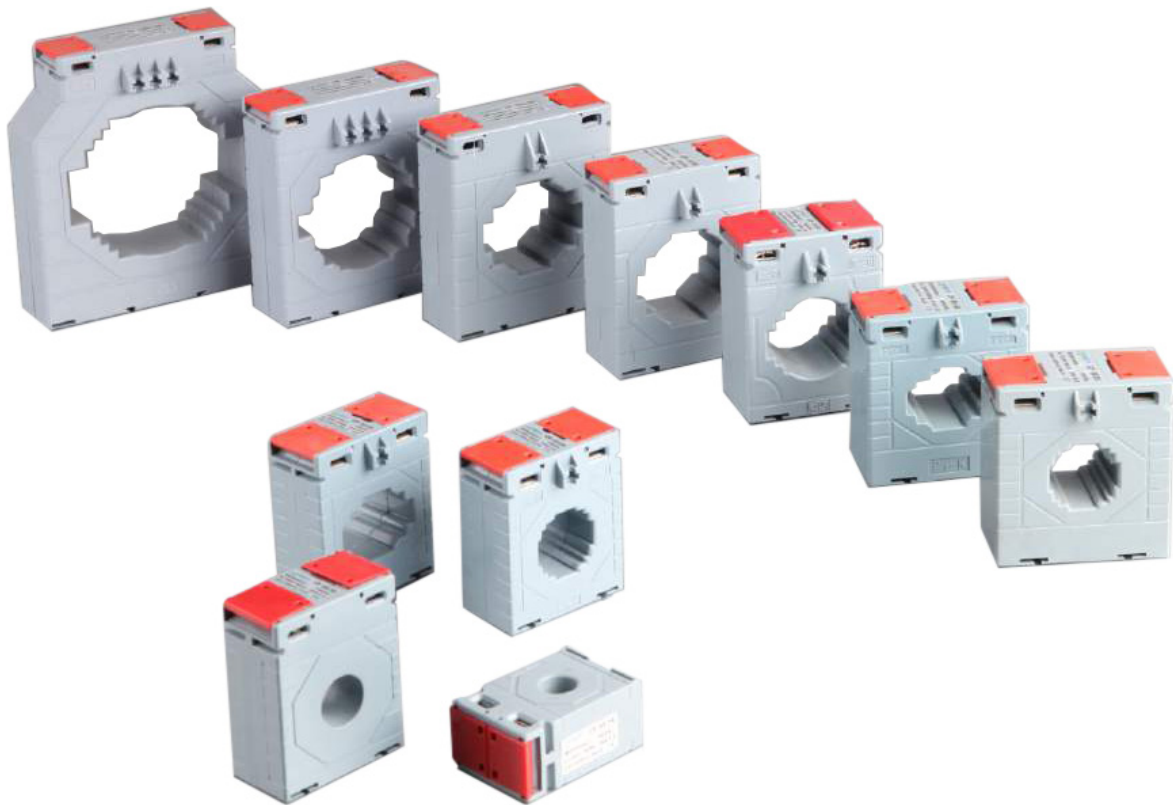


CP Series Current Transformer

Data Sheet



Features

- Three built in fixing methods: Panel/Din Rail/Busbar
- Built in hinged terminal cover
- Compact design
- Primary current from 5A to 3000A

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.

Description

CP range of current transformers are compact-smaller than other models with the current ratio of the transformer is small. Clamshell-style terminal cover is well protected by the second terminal. With related accessories you can use Din rail mounting a current from 5A to 3000A.

Specifications

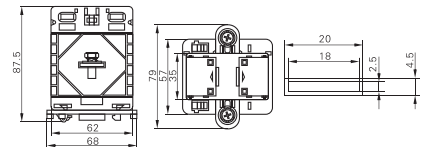
Electrical Parameter	
Frequency	50/60Hz
Rated input	5A-3000A
Measuring range	5%In-120%In
Rated Output	1A,5A
Rated Voltage	0.72KV(AC)
Dielectric strength	3.0KV/1mA/1min
Insulation Resistance	DC500V/100MΩmin

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

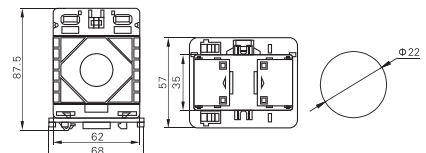
CP Series



Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-62/B-0055A	5/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0105A	10/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0155A	15/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0205A	20/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0255A	25/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0305A	30/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0405A	40/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0505A	50/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0605A	60/5A	1.5	2.5	50/60
ME-CT/CP-62/B-0755A	75/5A	1.5	2.5	50/60
ME-CT/CP-62/B-1005A	100/5A	1.5	2.5	50/60
ME-CT/CP-62/B-1505A	150/5A	1.5	2.5	50/60

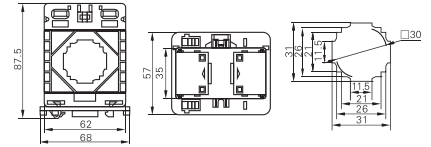


Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-62/20-0305A	30/5A	-	2.5(4t)	50/60
ME-CT/CP-62/20-0405A	40/5A	-	2.5(3t)	50/60
ME-CT/CP-62/20-0505A	50/5A	-	2.5(2t)	50/60
ME-CT/CP-62/20-0605A	60/5A	-	2.5(2t)	50/60
ME-CT/CP-62/20-0755A	75/5A	-	1.5	50/60
ME-CT/CP-62/20-0805A	80/5A	-	2.5	50/60
ME-CT/CP-62/20-1005A	100/5A	1.5	2.5	50/60
ME-CT/CP-62/20-1505A	150/5A	2.5	3.75	50/60
ME-CT/CP-62/20-2005A	200/5A	3.75	5	50/60





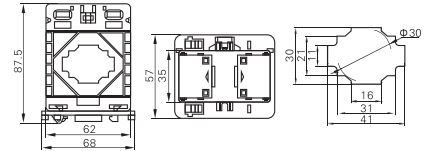
Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-62/30-0305A	30/5A	1.5	2.5(4t)	50/60
ME-CT/CP-62/30-0405A	40/5A	1.5	2.5(3t)	50/60
ME-CT/CP-62/30-0505A	50/5A	1.5	2.5(2t)	50/60
ME-CT/CP-62/30-0605A	60/5A	1.5	2.5(2t)	50/60
ME-CT/CP-62/30-0755A	75/5A	1.5	1.5	50/60
ME-CT/CP-62/30-1005A	100/5A	1.5	2.5	50/60
ME-CT/CP-62/30-1505A	150/5A	2.5	3.75	50/60
ME-CT/CP-62/30-2005A	200/5A	3.75	5	50/60
ME-CT/CP-62/30-2505A	250/5A	2.5	3.75	50/60
ME-CT/CP-62/30-3005A	300/5A	2.5	3.75	



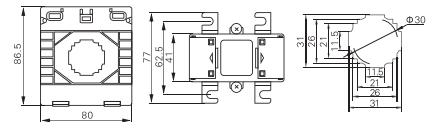
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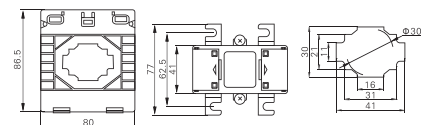
Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-62/40-0605A	60/5A	-	1.5(2T)	50/60
ME-CT/CP-62/40-0755A	75/5A	-	1.5(2T)	50/60
ME-CT/CP-62/40-1005A	100/5A	-	1.5	50/60
ME-CT/CP-62/40-1505A	150/5A		2.5	50/60
ME-CT/CP-62/40-2005A	200/5A	2.5	3.75	50/60
ME-CT/CP-62/40-2505A	250/5A	2.5	3.75	50/60
ME-CT/CP-62/40-3005A	300/5A	3.75	5	50/60



Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-80/30-0305A	30/5A	-	2.5(4t)	50/60
ME-CT/CP-80/30-0505A	50/5A	-	2.5(2t)	50/60
ME-CT/CP-80/30-0605A	60/5A	-	2.5(2t)	50/60
ME-CT/CP-80/30-0755A	75/5A	-	1.5	50/60
ME-CT/CP-80/30-1005A	100/5A	-	2.5	50/60
ME-CT/CP-80/30-1505A	150/5A	2.5	3.75	50/60
ME-CT/CP-80/30-2005A	200/5A	3.75	5	50/60

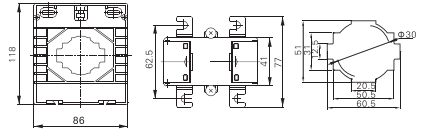


Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-80/40-1005A	100/5A	-	2.5	50/60
ME-CT/CP-80/40-1505A	150/5A	2.5	3.75	50/60
ME-CT/CP-80/40-2005A	200/5A	3.75	5	50/60
ME-CT/CP-80/40-2505A	250/5A	3.75	5	50/60
ME-CT/CP-80/40-3005A	300/5A	5	5	50/60
ME-CT/CP-80/40-4005A	400/5A	5	10	50/60
ME-CT/CP-80/40-5005A	500/5A	5	10	50/60

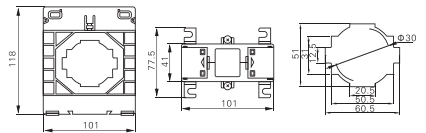




Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-86/60-02505A	250/5A	375	5	50/60
ME-CT/CP-86/60-03005A	300/5A	5	7.5	50/60
ME-CT/CP-86/60-04005A	400/5A	5	7.5	50/60
ME-CT/CP-86/60-05005A	500/5A	5	7.5	50/60
ME-CT/CP-86/60-06005A	600/5A	10	15	50/60
ME-CT/CP-86/60-07505A	750/5A	10	15	50/60
ME-CT/CP-86/60-08005A	800/5A	10	15	50/60
ME-CT/CP-86/60-10005A	1000/5A	10	15	50/60



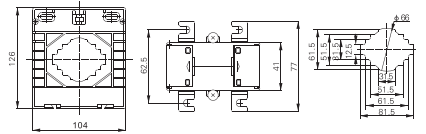
Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-100/60-04005A	400/5A	3.75	5	50/60
ME-CT/CP-100/60-05005A	500/5A	5	7.5	50/60
ME-CT/CP-100/60-06005A	600/5A	10	15	50/60
ME-CT/CP-100/60-07505A	750/5A	10	15	50/60
ME-CT/CP-100/60-08005A	800/5A	10	15	50/60
ME-CT/CP-100/60-10005A	1000/5A	10	20	50/60
ME-CT/CP-100/60-12005A	1200/5A	15	20	50/60
ME-CT/CP-100/60-15005A	1500/5A	15	20	50/60
ME-CT/CP-100/60-16005A	1600/5A	15	20	50/60



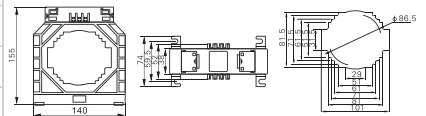
*stocked



Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-104/80-06005A	600/5A	10	15	50/60
ME-CT/CP-104/80-07505A	750/5A	10	15	50/60
ME-CT/CP-104/80-08005A	800/5A	10	15	50/60
ME-CT/CP-104/80-10005A	1000/5A	15	20	50/60
ME-CT/CP-104/80-12005A	1200/5A	15	20	50/60
ME-CT/CP-104/80-12505A	1250/5A	15	20	50/60
ME-CT/CP-104/80-15005A	1500/5A	15	20	50/60
ME-CT/CP-104/80-16005A	1600/5A	15	20	50/60
ME-CT/CP-104/80-20005A	2000/5A	15	20	50/60



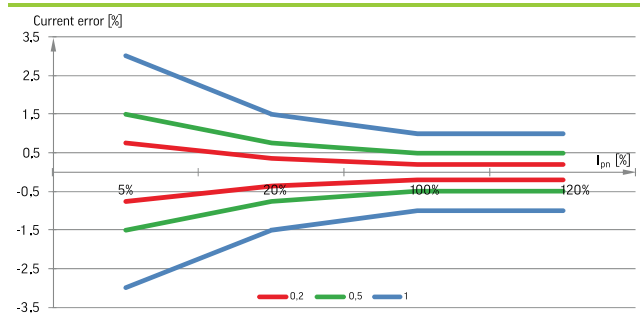
Part Number	TYPE Ratio(A)	Burden(VA)Rated		Frequency (Hz)
		Class 0.5	Class 1.0	
ME-CT/CP-140/100-08005A	800/5A	15	20	50/60
ME-CT/CP-140/100-10005A	1000/5A	15	20	50/60
ME-CT/CP-140/100-12005A	1200/5A	15	20	50/60
ME-CT/CP-140/100-12505A	1250/5A	15	20	50/60
ME-CT/CP-140/100-15005A	1500/5A	15	20	50/60
ME-CT/CP-140/100-16005A	1600/5A	15	20	50/60
ME-CT/CP-140/100-20005A	2000/5A	15	25	50/60
ME-CT/CP-140/100-20005A	2000/5A	15	25	50/60
ME-CT/CP-140/100-30005A	3000/5A	15	25	50/60



Special remind

1. The installation altitude less than 2000m
2. The surrounding temperature range: from -5°C ~ +40°C
3. In the non-explosive condition. or without adequate erosion and destruction of gas and dust conductive area .
4. Without rain and snow invade
5. Pollution level 2

a) classes 0.2; 0.5; 1



b) comparison of classes 0.5 and 0.55

