

1 TGH-0.66 series current transformer

● General

Current Transformer (CT) is used to transform the high AC current to small easily manageable values.They are connected with the Panel Meter or Relay and they can help to measure the current or protect the equipments.

● Standards

IEC/EN61869-1,IEC/EN61869-2

● Security factor

FS < 5

● Rated frequency

50/60Hz

● Maximum system voltage

720V AC

● Test voltage

3kV AC(1min)

● Rated short-time thermal current

I_{th}=40~60I_n

● Rated dynamic current

I_{dyn}=2.5I_{th}

● Continuous overload

120%I_n

● Environment

Operating temperature:-25℃~+50℃

Storage temperature:-40℃~+80℃

Relative humidity, no condensation:90%

● Protection level

IP30

● Accuracy

±3.0%, ±1.0%, ±0.5%, ±0.2%

● Burden

Ranging 0~30VA

● Rated secondary current

X/5A(X/1A upon request)

● Rated primary current

Ranging up to 6000A

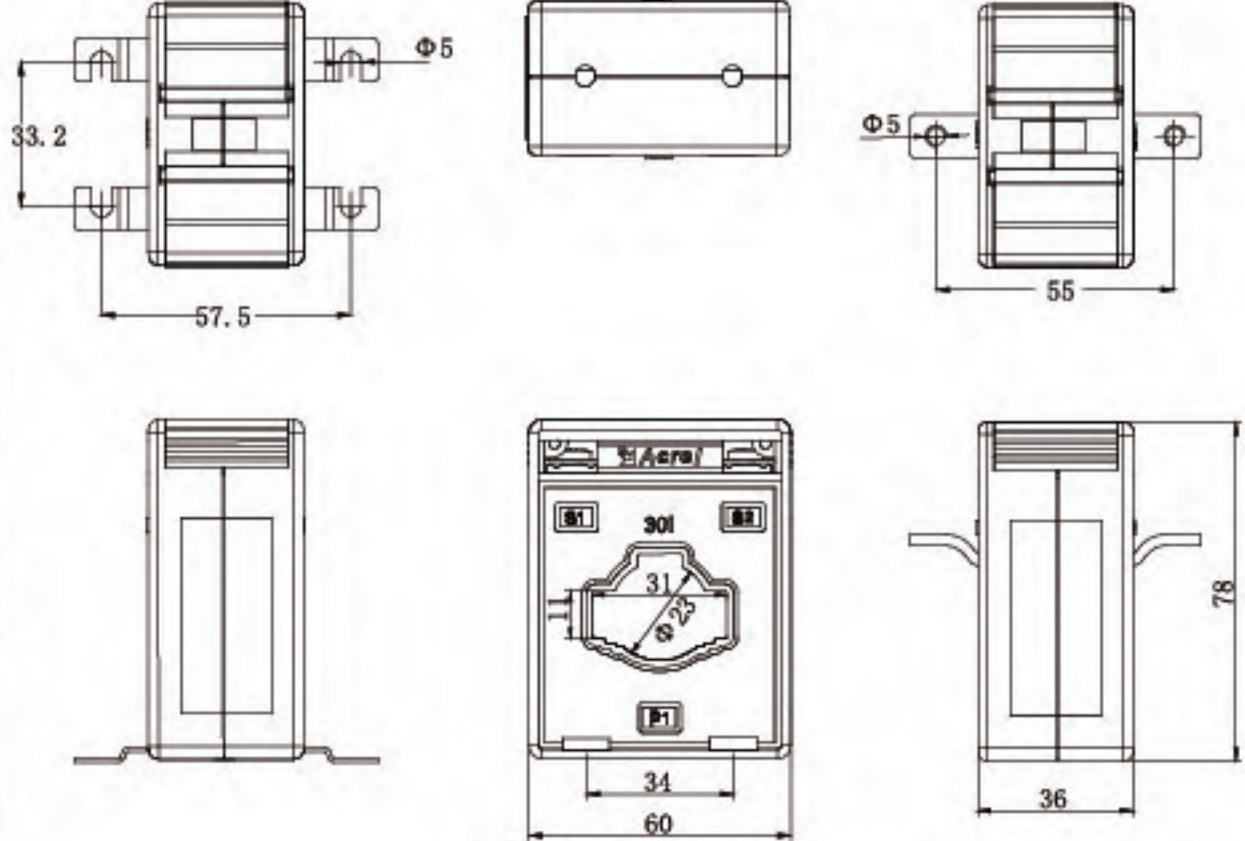
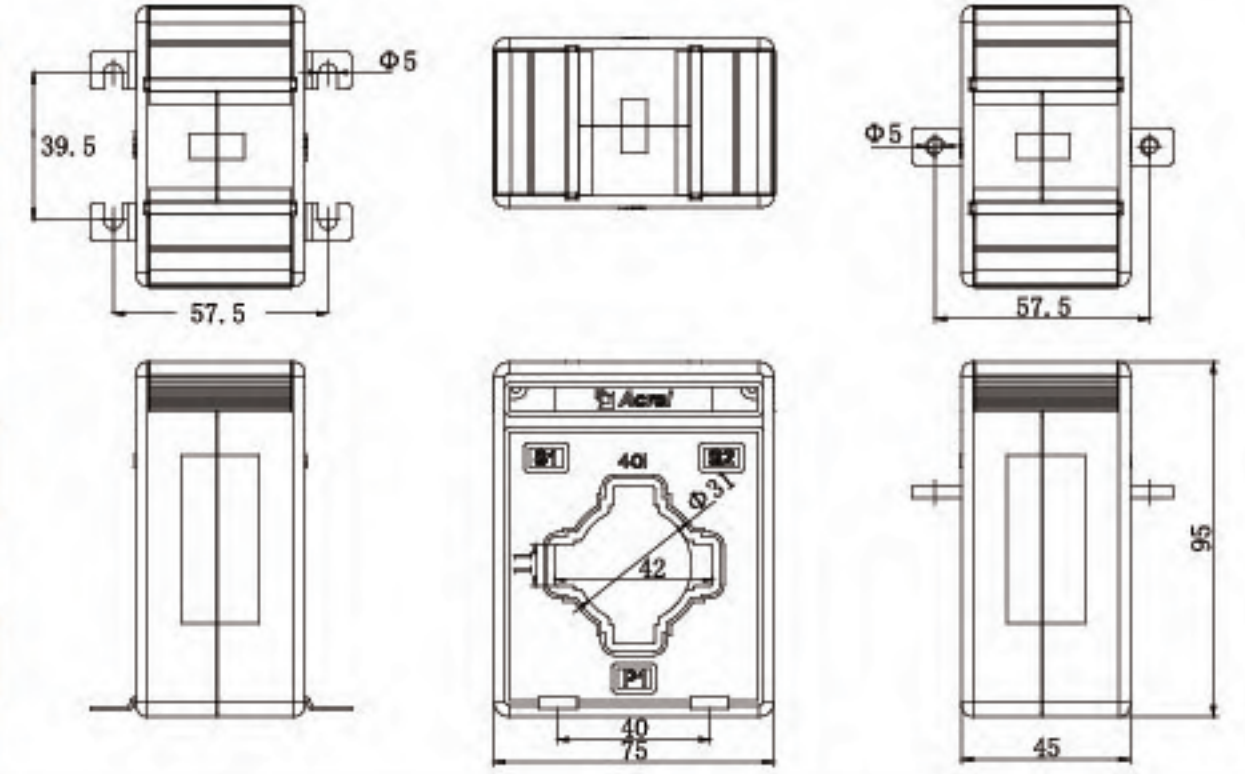
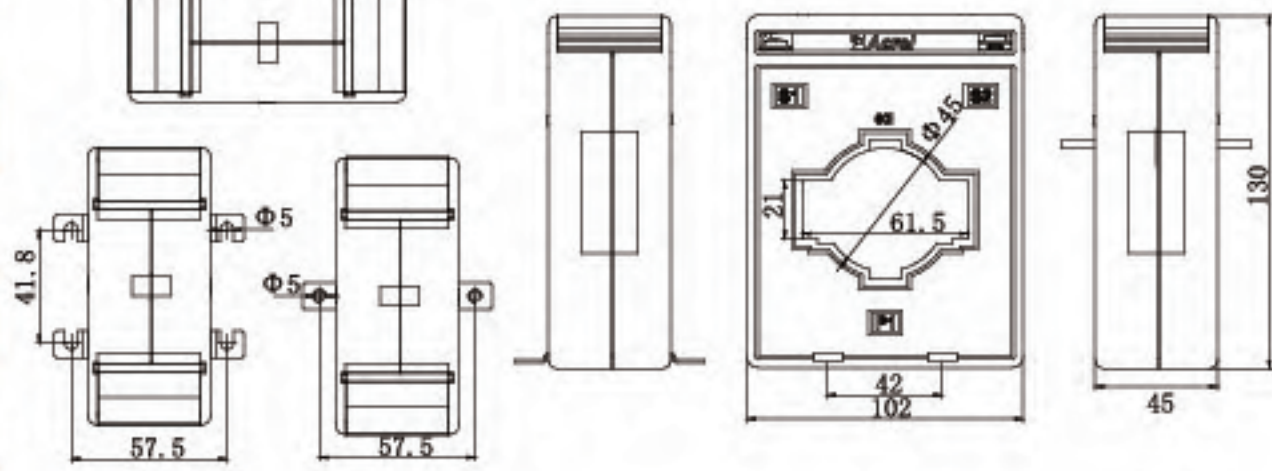
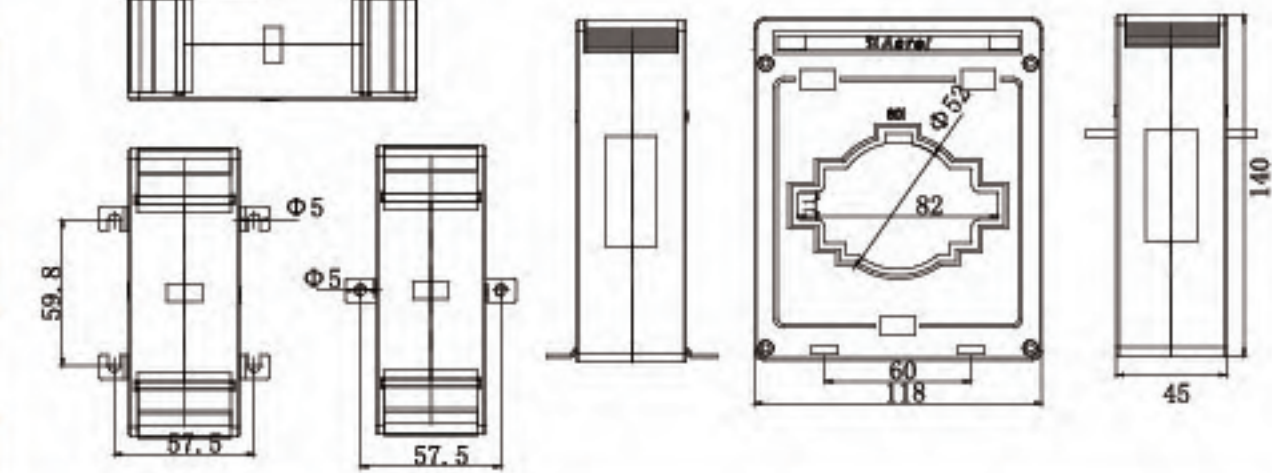
● Casing

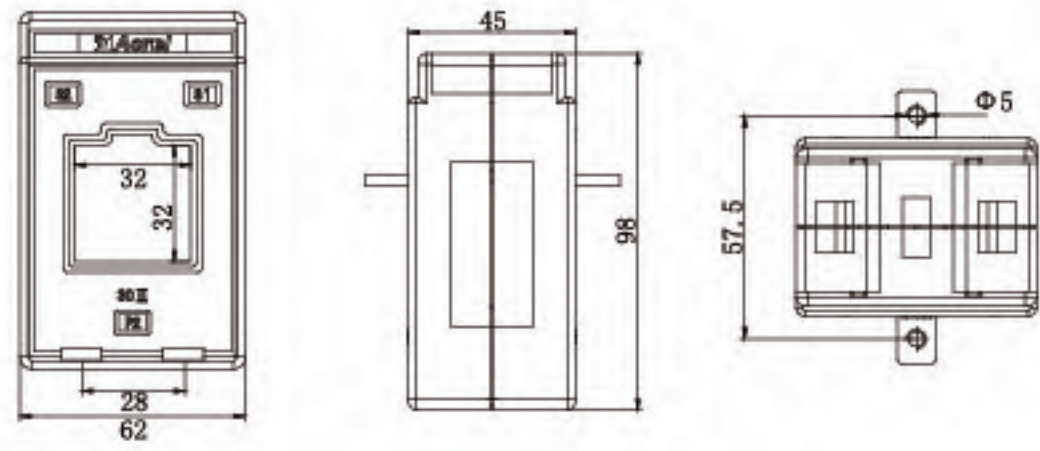
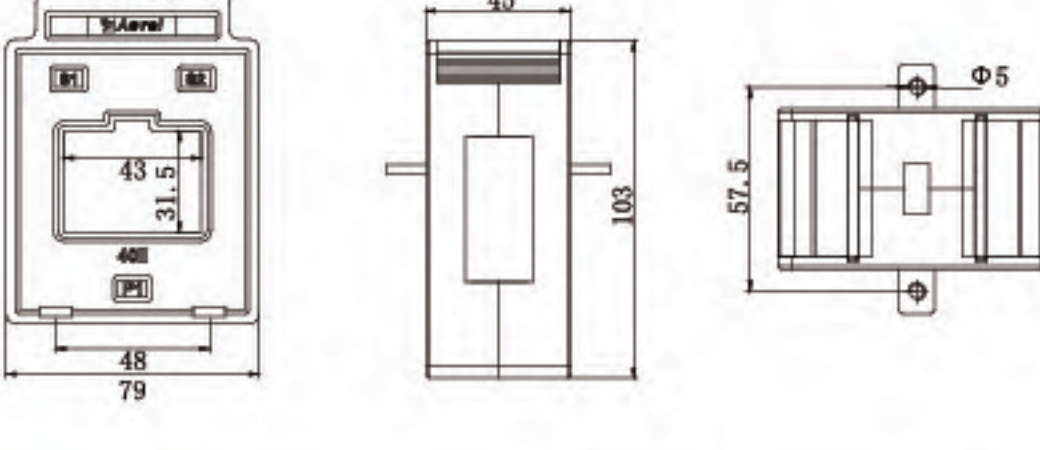
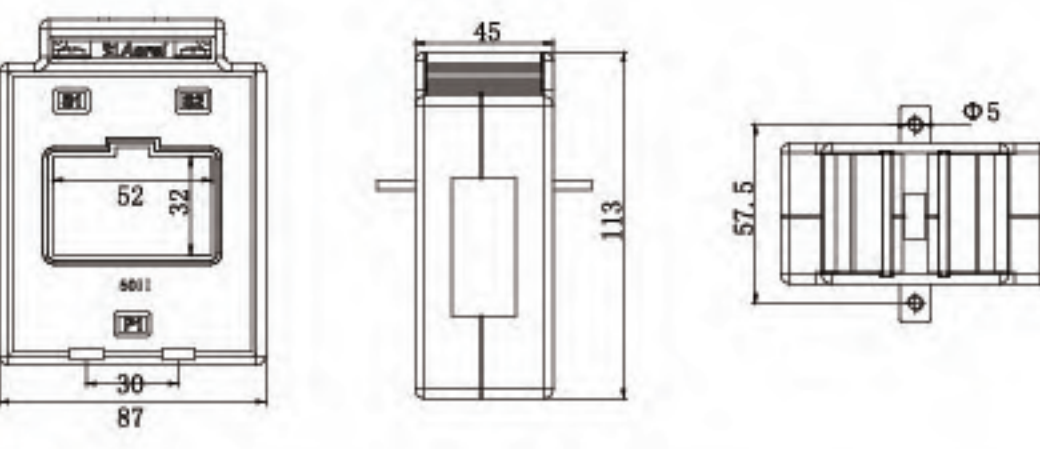
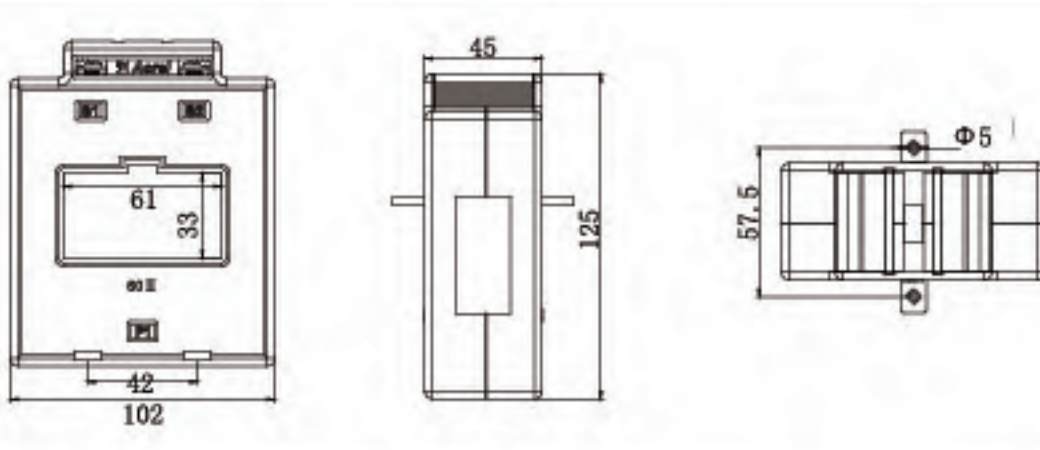
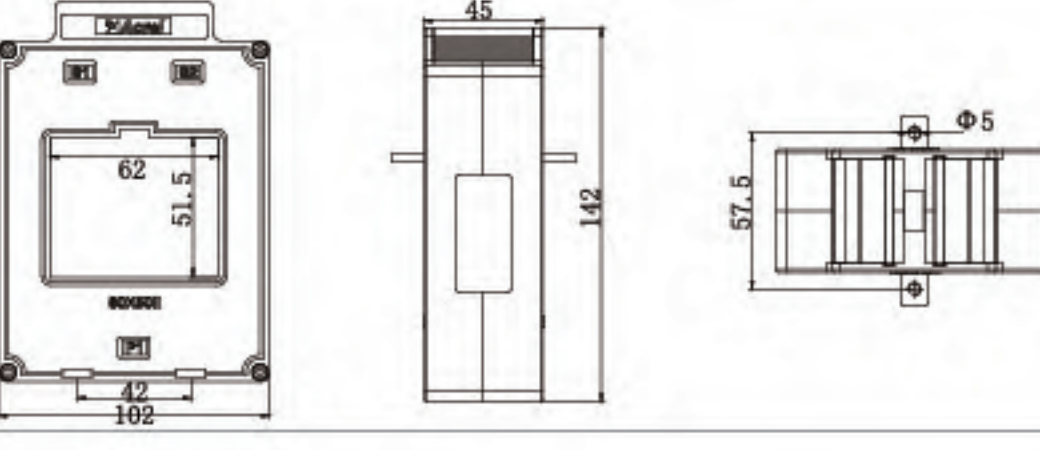
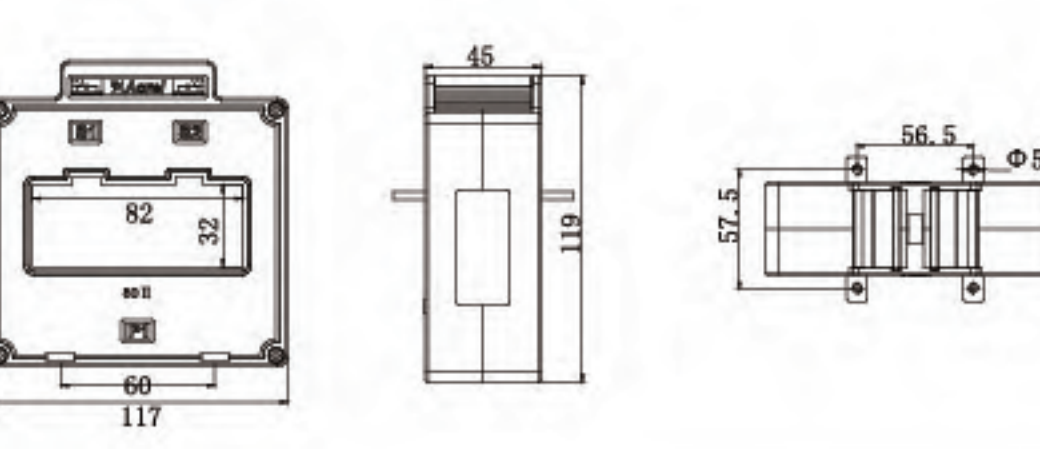
Non-flammable, polycarbonate self extinguishing ABS

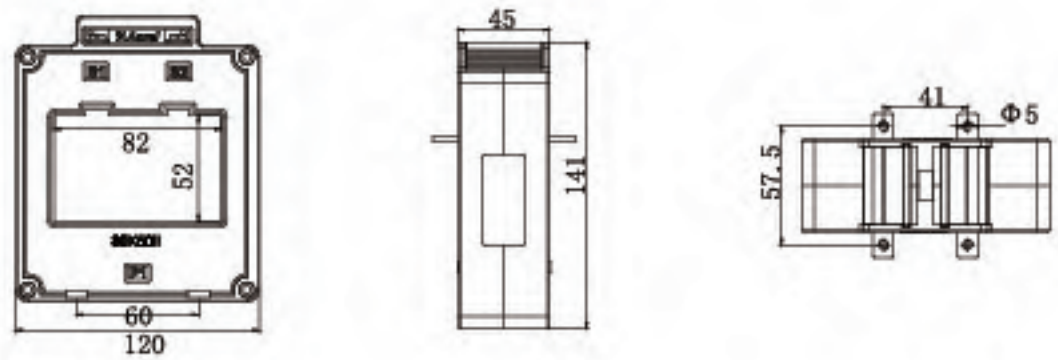
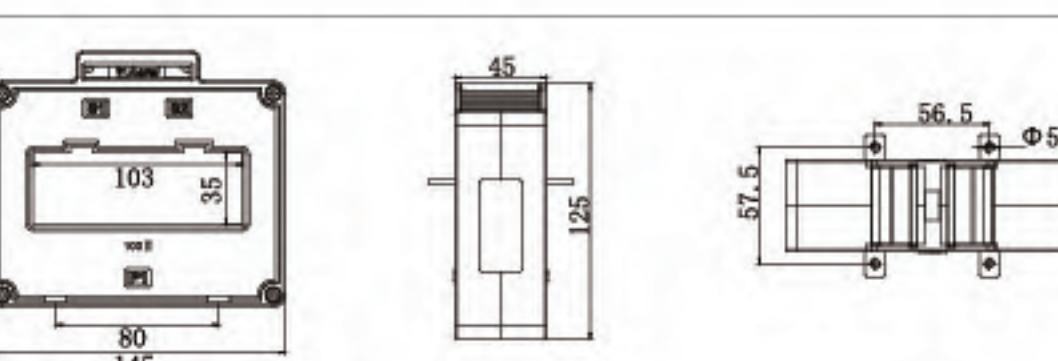
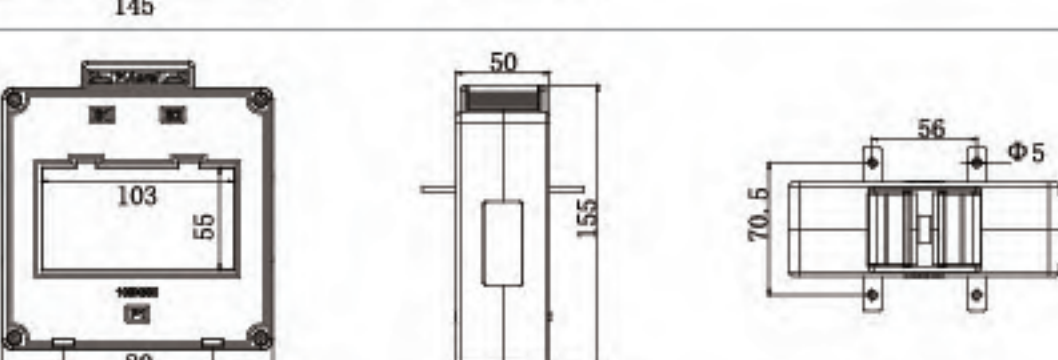
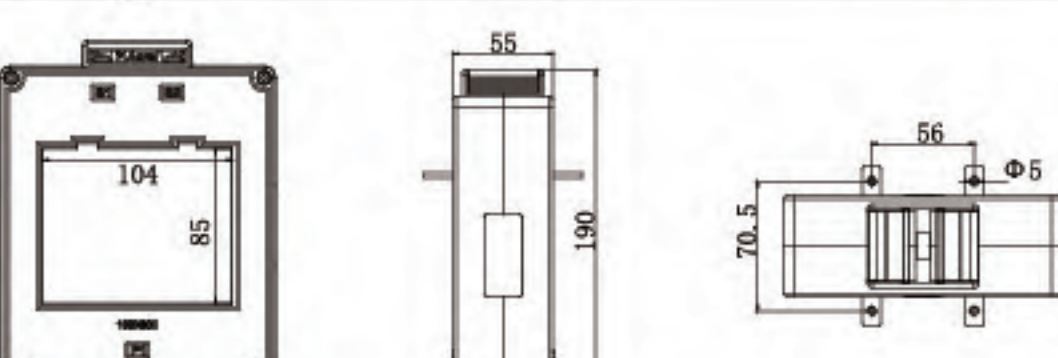
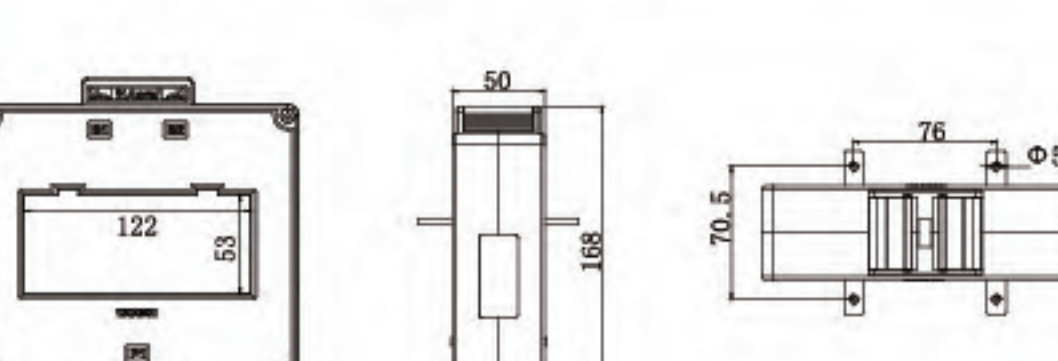
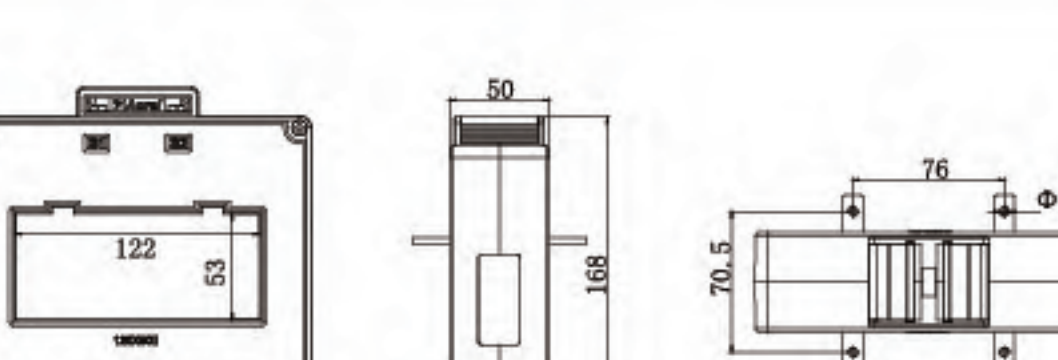
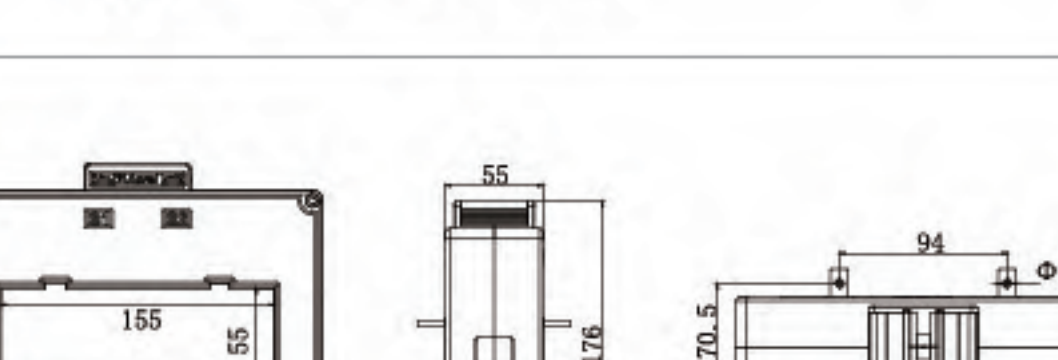
● Terminal marks

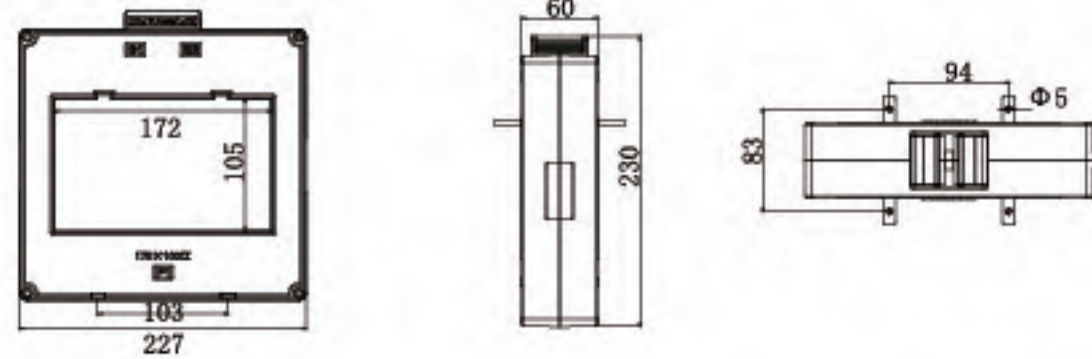
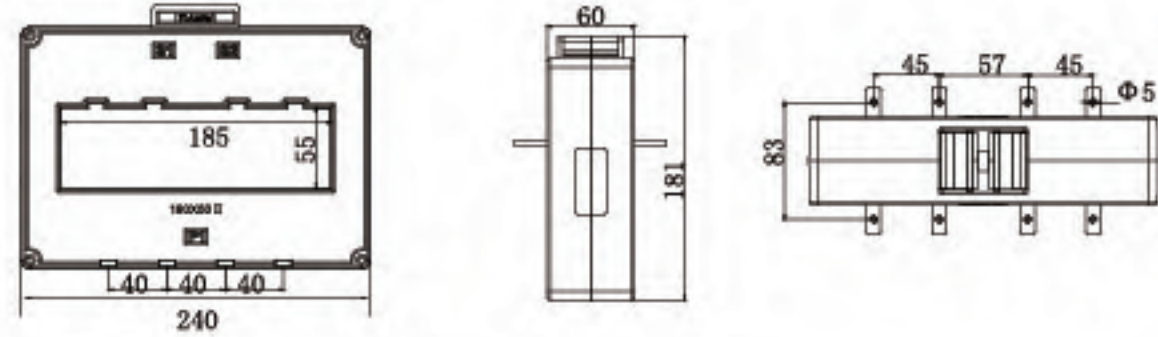
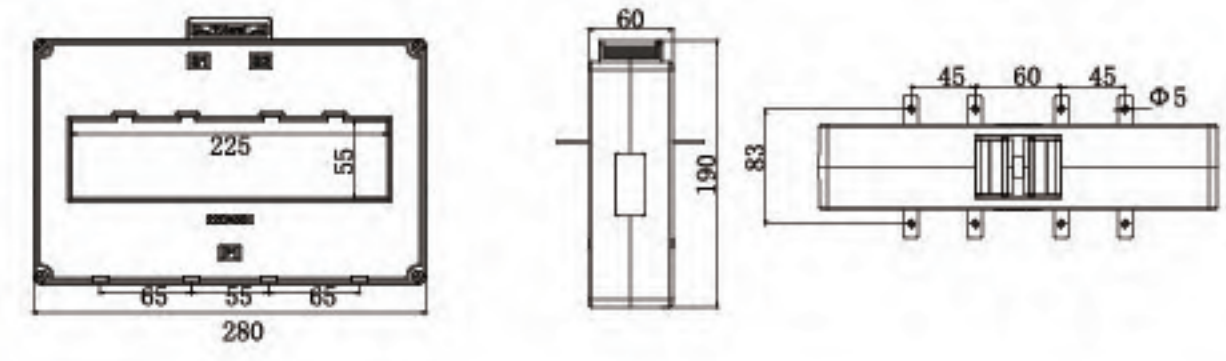
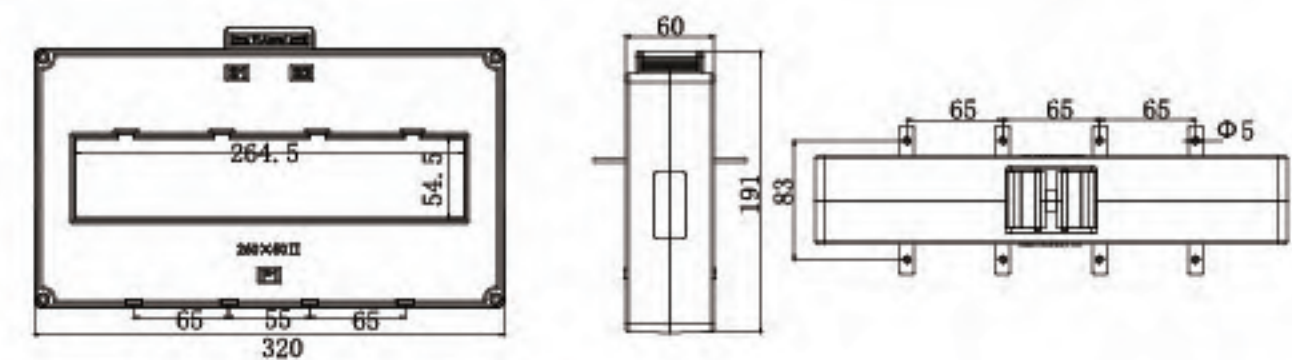
Primary P1andP2

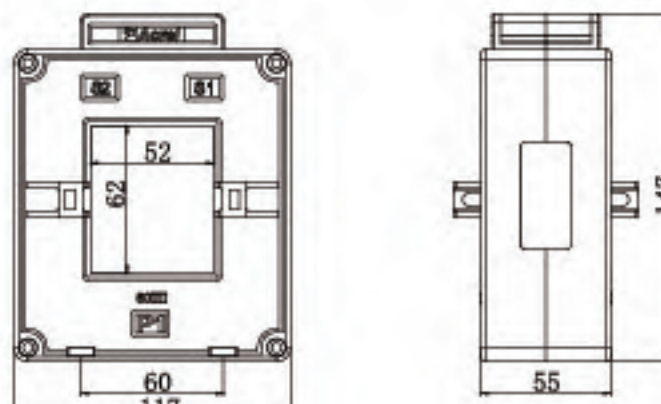
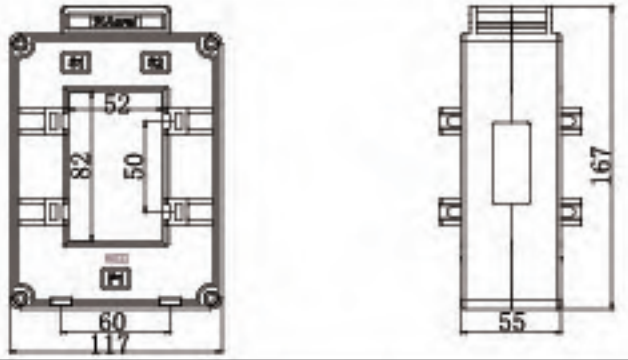
Secondary S1andS2

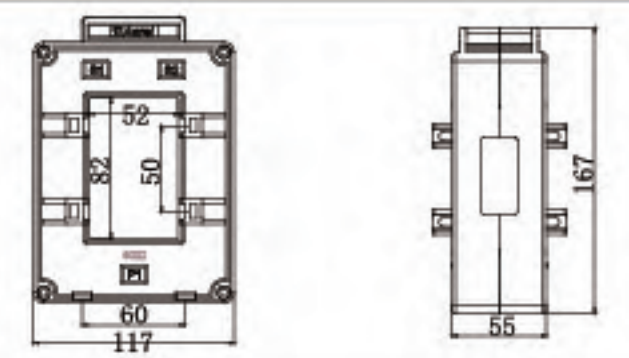
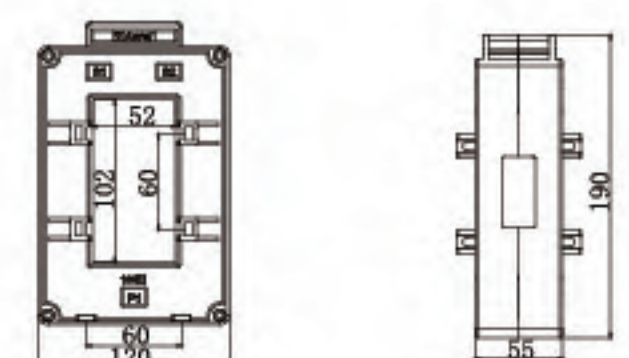
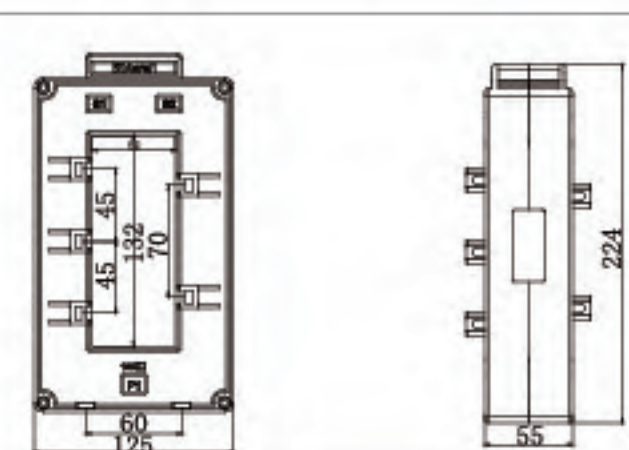
Type	Ratio (A)	Burden(VA)			Turns	Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0		
	15/5			1.5	5	
	20/5			1.5	4	
	25/5			1.5	3	
	30/5			1.5	3	
	40/5			1.5	2	
	50/5			1.5	2	
	60/5			1.5	2	
	75/5			1.5	1	
	80/5			1.5	1	
	100/5			1.5	1	
	150/5		2.5		1	
	200/5		2.5		1	
	250/5		3.75		1	
	300/5		5		1	
	400/5		5		1	
	500/5		10		1	
	600/5		10		1	
	800/5		10		1	
	1000/5	10			1	
	500/5		10		1	
	600/5		10		1	
	800/5		10		1	
	1000/5	10			1	
	1200/5	10			1	
	1500/5	20			1	
	2000/5	20			1	
	2500/5	30			1	
	3000/5	30			1	

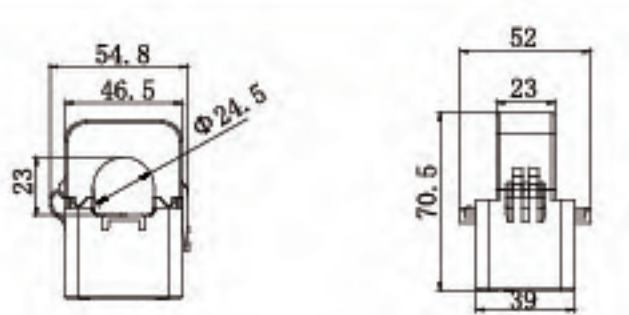
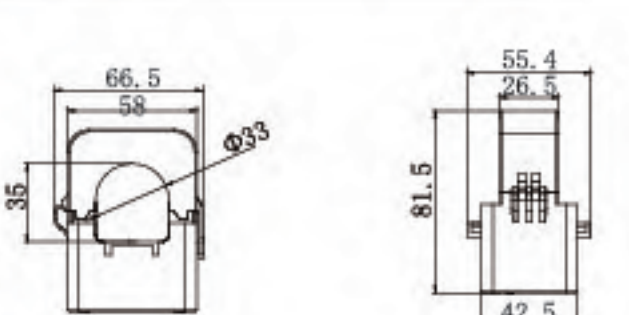
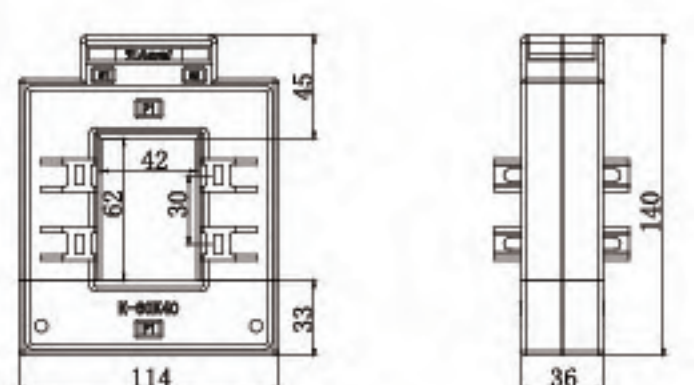
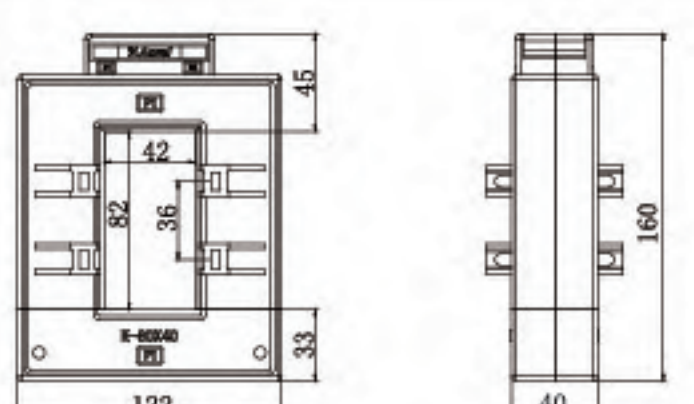
Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	100/5			1.5	
	150/5			1.5	
	200/5		1.5		
	250/5		3.75		
	300/5		5		
	400/5		5		
	500/5		10		
	600/5		10		
	300/5		5		
	400/5		5		
	500/5		10		
	600/5		10		
	800/5		10		
	1000/5	10			
	500/5		10		
	600/5		10		
	800/5		10		
	1000/5	10			
	500/5		10		
	600/5		10		
	800/5		10		
	1000/5	10			
	1200/5	10			
	1500/5	20			
	800/5		10		
	1000/5	10			
	1200/5	10			
	1500/5	20			
	2000/5	20			
	1000/5	10			
	1200/5	10			
	1500/5	20			
	2500/5	30			
	3000/5	30			

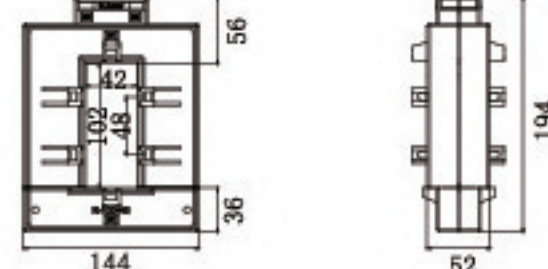
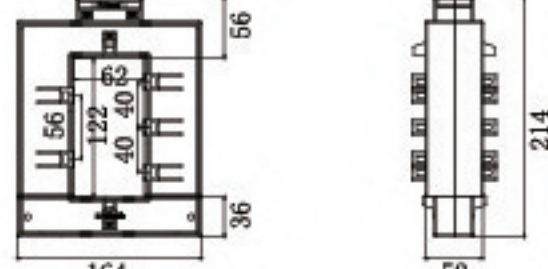
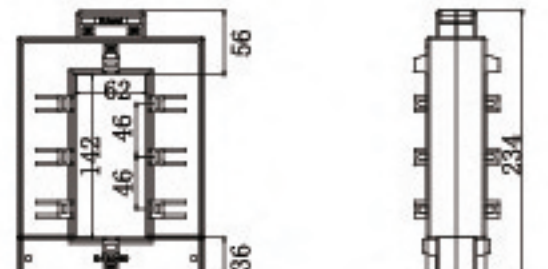
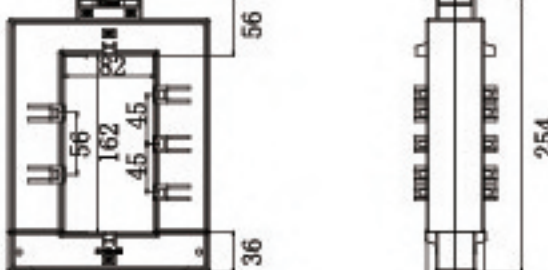
Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	1000/5	10			
	1200/5	10			
	1500/5	20			
	2000/5	20			
	2500/5	30			
	3000/5	30			
	1500/5	20			
	2000/5	20			
	2500/5	30			
	3000/5	30			
	1500/5	20			
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	3000/5	30			
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	1500/5	20			
	2000/5	20			
	2500/5	30			
	3000/5	30			
	4000/5	30			

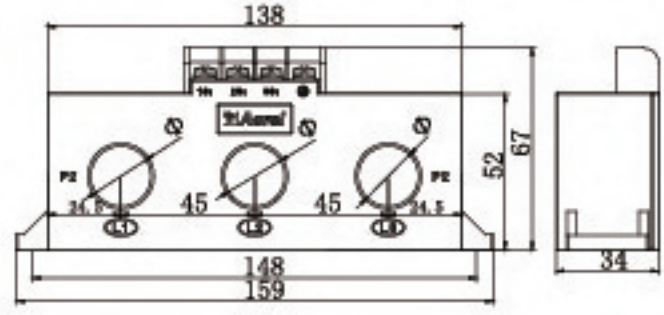
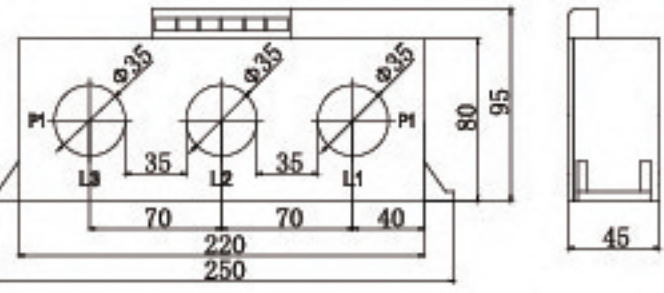
Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	170*100II	1500/5	20		
		2000/5	20		
		2500/5	30		
		3000/5	30		
		4000/5	30		
		5000/5	30		
	180*50II	2000/5	20		
		2500/5	30		
		3000/5	30		
		4000/5	30		
		5000/5	30		
	220*50II	2000/5	20		
		2500/5	30		
		3000/5	30		
		4000/5	30		
		5000/5	30		
	260*50II	2000/5	20		
		2500/5	30		
		3000/5	30		
		4000/5	30		
		5000/5	30		

Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	60III	200/5		2.5	
		300/5		2.5	
		400/5		5	
		500/5		10	
		600/5		10	
		800/5		10	
		1000/5	10		
		1500/5	15		
		2000/5	20		
		2500/5	30		
		500/5		10	
		600/5		10	
	80III	800/5		10	
		1000/5		10	

Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	80III	1500/5	15		
		2000/5	20		
		2500/5	30		
		3000/5	30		
	100III	1000/5	10		
		1500/5	15		
		2000/5	20		
		2500/5	20		
		3000/5	30		
		4000/5	30		
	130III	5000/5	30		
		2000/5	20		
		2500/5	30		
		3000/5	30		
		4000/5	30		

Type	Ratio (A)	Burden(VA)			Size(unit: mm)
		Class 0.2	Class 0.5	Class 1.0	
	K-Φ24	150/5		1	
		200/5		1	
		250/5	1.5		
		300/5	1.5		
	K-Φ36	300/5	1.5		
		400/5	1.5		
		500/5	2.5		
		600/5	2.5		
	K-60*40	400/5	1.5		
		500/5	2.5		
		600/5	2.5		
		800/5	2.5		
		1000/5	5		
		1500/5	10		
	K-80*40	800/5	2.5		
		1000/5	5		
		1500/5	10		
		2000/5	10		
		3000/5	10		

Type		Ratio (A)	Burden(VA)			Size(unit: mm)
			Class 0.2	Class 0.5	Class 1.0	
	K-100*40	1500/5	10			
		2000/5	10			
		3000/5	10			
		4000/5	15			
	K-120*60	1500/5	10			
		2000/5	10			
		3000/5	10			
		4000/5	15			
		5000/5	15			
	K-140*60	2000/5	10			
		3000/5	10			
		4000/5	15			
		5000/5	15			
	K-160*80	3000/5	10			
		4000/5	15			
		5000/5	15			
		6000/5	15			

Type		Ratio (A)	Burden(VA)			Turns	Size(unit: mm)
			Class 0.2	Class 0.5	Class 1.0		
	Z-3*Φ20	50/5			1.5	2	
		100/5			1.5	1	
		150/5			1.5	1	
		200/5			2.5	1	
	Z-3*Φ35	200/5		1.5		1	
		250/5		3.75		1	
		300/5		5		1	
		400/5		5		1	
		500/5		10		1	
		600/5		10		1	
		800/5		10		1	
		1000/5	10			1	