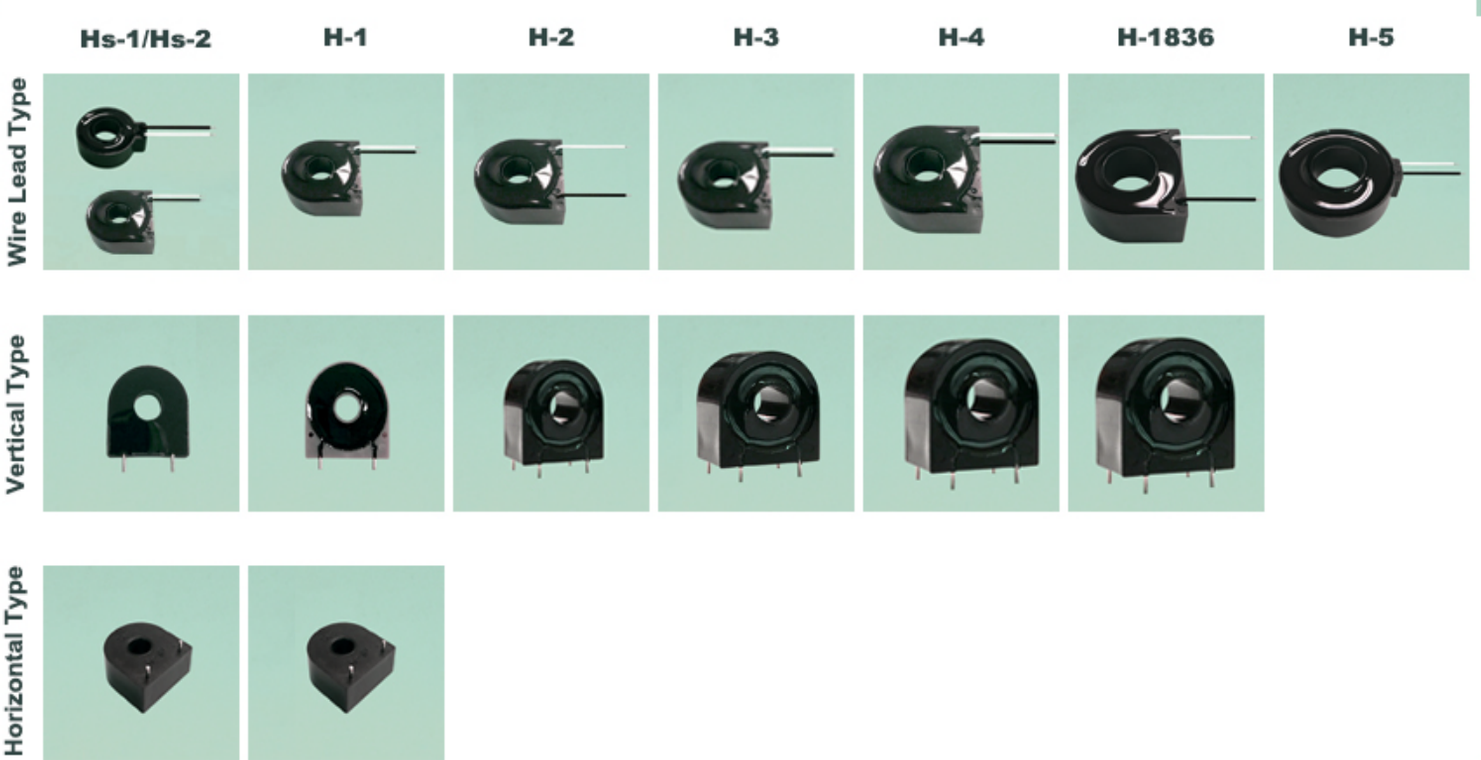
Accuracy Grade Current Transformer



CT of Application and Features

■ APPLICATION

- Solar, Wind power system and electric car EV
- Digital watt-hour / Energy meter.
- Power transducer.
- Accuracy remote power monitoring.
- Accuracy current sensor.

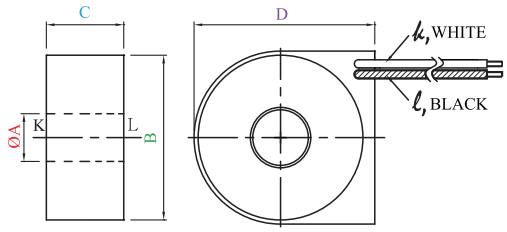
■ FEATURES

- The minimum error of -30°C~ 120°C
- Appropriate products on ROHS
- Maintain accuracy and from minute to 120% of rated current
- Category temperature range
- Advantage of excellent phase on category temperature range

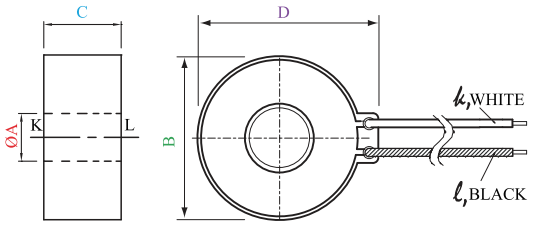
Electrical Properties

Model No.	CURRENT RATIO	RATED WATTHOUR METER	PHASE SHIFT(min)	RATIO ERROR(%)
Hs-1W, Hs-1V,Hs-1H	1,300 : 1	20A	Max. 30'	Max. 0.5%
Hs-2W, Hs-2V	1,000 : 1	30A	Max. 20'	Max. 0.5%
H-1W, H-1H, H-1V	2,500 : 1	5A, 40A	Max. 12'	Max. 0.2%
H-2W, H-2H, H-2V	2,500 : 1	40A, 60A	Max. 12'	Max. 0.2%
H-3W, H-3V	2,500 : 1	80A, 120A	Max. 12'	Max. 0.2%
H-4W, H-4V	2,500 : 1	120A, 200A	Max. 12'	Max. 0.2%
H-1836W, H-1836V	2,500 : 1	200A	Max. 12'	Max. 0.2%
H-5W	2,500 : 1	200A	Max. 12'	Max. 0.2%

Wire Lead Type



<Fig 1>

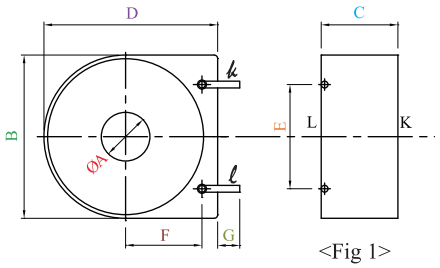


<Fig 2>

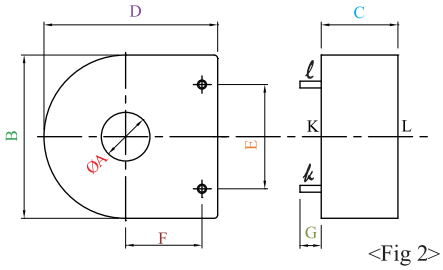
(unit: mm)

Model No.	ØA(Min.)	B(Max.)	C(Max.)	D(Max.)	FIG
Hs-1W	5.8	17.3	8.1	19.3	2
Hs-2W	6.3	19.8	9.5	20.3	1
H-1W	6.5	23.8	11.8	25.4	1
H-2W	8.7	25.3	16.8	27.4	1
H-3W	11.9	30.0	17.7	30.1	1
H-4W	12.7	37.6	14.1	39.1	1
H-1836W	17.2	36.3	17.6	35.8	1
H-5W	21.9	48.4	17.1	51.3	2

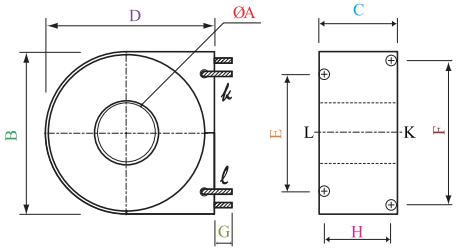
PCB MOUNTING TYPE



<Fig 1>



<Fig 2>



<Fig 3>

(unit: mm)

Model No.	ØA(Min.)	B(Max.)	C(Max.)	D(Max.)	E	F	G(±0.5)	H	FIG
Hs-1V	5.8	17.3	8.3	19.3	10.0		3.0±0.5		1
Hs-1H	5.9	17.3	8.0	18.2	10.0	7.5±0.2	3.0±0.5		2
Hs-2V	6.3	19.8	9.5	20.3	11.0		3.0		1
Hs-2H	6.3	19.8	9.5	20.3	11.0		3.0		2
H-1H	6.8	23.6	11.7	25.3	15.0	11.0	4.0		2
H-1V, 2P	6.5	23.8	11.7	25.5	15.0		3.0		1
H-1V, 4P	6.5	23.8	11.7	25.5	15.0	19.0	3.0	10.5	3
H-2V	8.7	25.5	16.8	27.5	15.0	19.0	3.0	15.5	3
H-3V	11.9	31.0	18.0	31.7	22.8	26.5	3.0	16.7	3
H-4V	12.7	37.5	13.7	38.9	25.0	33.0	3.0	13.0	3
H-1836V	17.1	36.3	17.8	35.7	25.5	33.0	3.0	16.5	3

- Provided CT for current ratio 1,000:1 of less than 0.5%.
- More information is available on our website, including details of specifications for all products.