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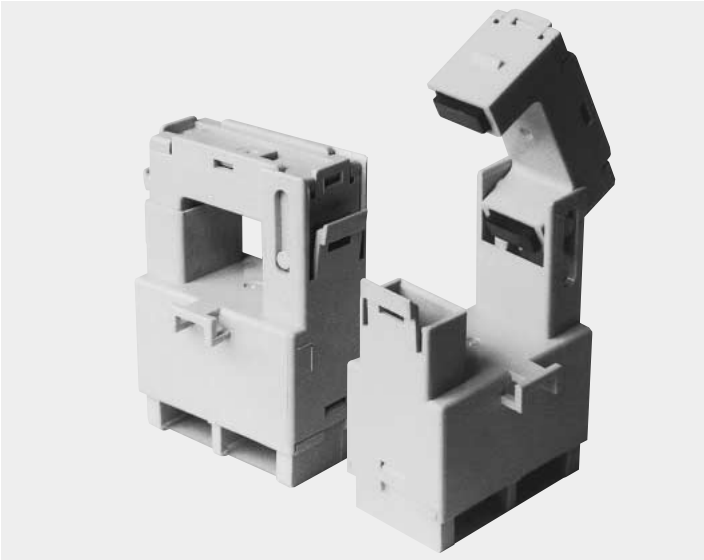
KOHSHIN

HA–B, HA–C series

Clamp type AC-CT

HA–B, HA–C



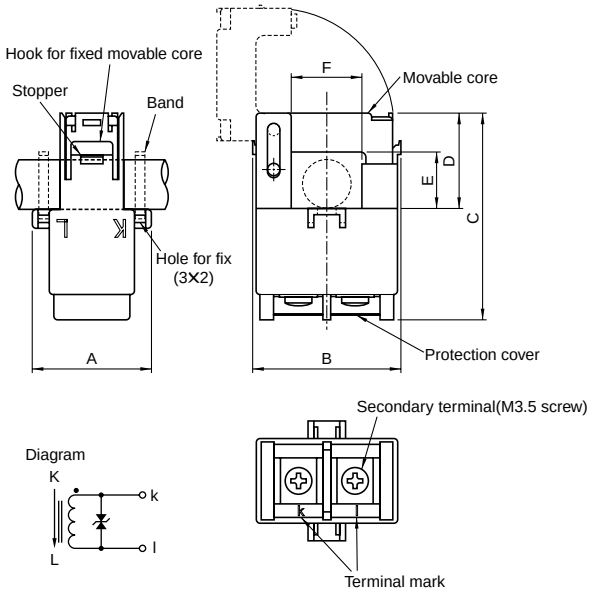
- Rated primary current ……50A~250A
- Most suitable for energy measurement which is more less dispersion in ratio error and phase displacement
- Simple mounting for exiting panel which is clamp type
- Internal output protection circuit

Applications

Energy measurement unit

Dimensions

(mm)



Type	A	B	C	D	E	F	Weight(g)
HA-B100-33 HA-B050-16	31.5	39.6	55.2	25.7	15.2	18.8	65
HA-C250-66	36.5	44.0	66	32.5	22	24	104

Specification

Ta=25°C

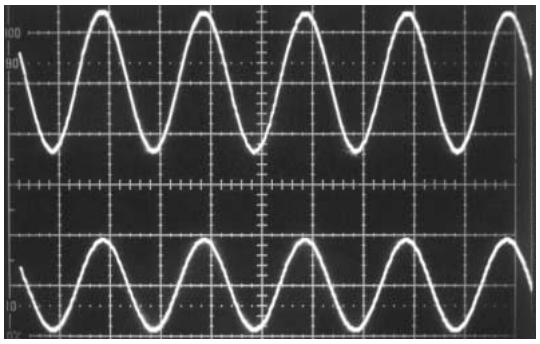
Type	HA-B050-16	HA-B100-33	HA-C250-66
Rated primary current [If]	50Arms	100Arms	250Arms
Measuring bound	2.5~50Arms	5~100Arms	12.5~250Arms
Frequency	45~65Hz		
Saturation current [If]	140Arms	140Arms	350Arms
Rated secondary current	16.6mArms	33.33mArms	66.67mArms
Ratio error	±1.2% (RL≦10Ω)		
Dispersion in phase displacement	±40minute (RL≦10Ω)		
Operating Temp.	–10°C~+55°C		
Storage Temp.	–20°C~+60°C		
Dielectric withstand voltage	2500V AC 1minute		
Insulation resistance	Not less than 10MΩ 500V DC		
Insulation distance	Not less than 8mm		
Others	Internal output protection circuit		

Characteristics chart

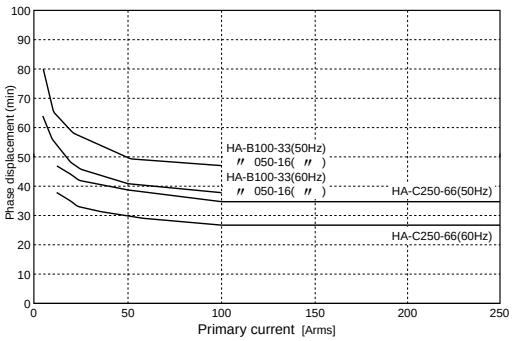
HA-B100-33

Time base : 10ms/div.

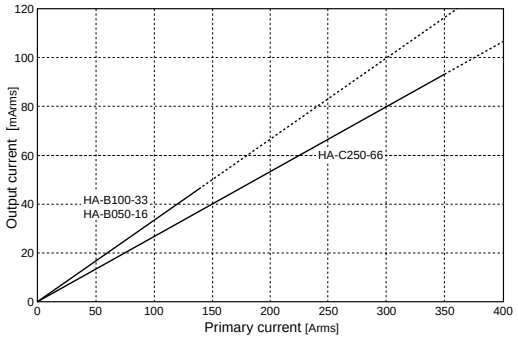
Pulse current response characteristic



Phase displacement characteristic



Input/output characteristic



Note: The solid lines indicate the possible range of a continuous flow of electricity.

Note : The mark "◁" means 0V or 0A.