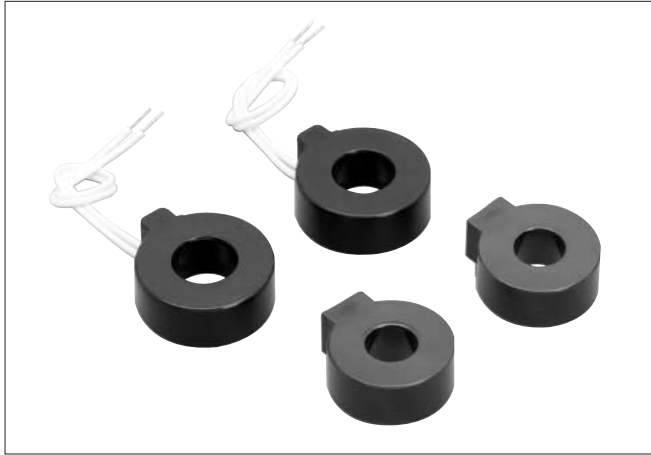


Zero-Phase Current Transformers ZCT



Outline

The ZCT Series of compact molded-type zero-phase current transformers is ideal for improving the sensitivity, compactness and light weight of electric shock prevention earth leakage breakers.

Features

- High sensitivity.
- Compact and light weight.
- Laminated iron core type.

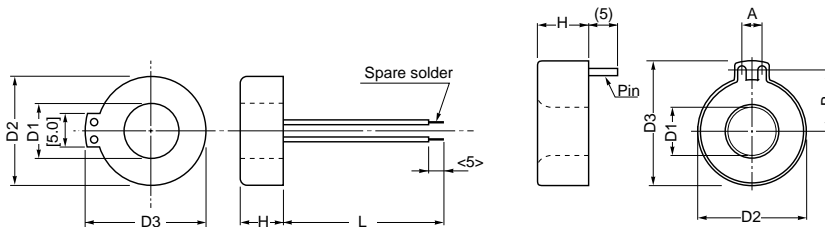
Applications

- Electric shock prevention earth leakage breakers.
- Short circuit relays.

Shape and Dimensions

● MR-1,2,3,4

● MR-1-P3,P5



Product name	Each part's dimensions (mm)						
	D1 (± 0.3)	D2 (± 0.3)	D3 (± 0.4)	H	L (± 3.0)	A (± 0.3)	B (± 0.3)
MR-1	7.5	19.0	22.0	8.0 \pm 0.3	40.0	—	—
MR-2	9.2	21.5	24.3	8.0 \pm 0.3	80.0	—	—
MR-3	12.0	27.0	30.0	10.0 \pm 0.3	67.0	—	—
MR-4	17.0	31.3	33.7	10.5 \pm 0.3	67.0	—	—
MR-1-P3	7.7	19.0	21.0	8.5 max.	—	3.0	10.0
MR-1-P5	7.7	19.0	21.5	8.5 max.	—	5.0	10.5

Pin : 0.8 ϕ solder-plated wire

Specifications

Product name	Rated current (A)	Output voltage (mV) min.	Overload characteristics (-20°C to 80°C) (%) max.	Temperature characteristics (rated load) (%) max.	Unbalance characteristics (%) max.	Measurement conditions
MR-1	30	8	10	± 10	13	R=0.3 k Ω I _o =22.5 mA
MR-2	30					
MR-3	60					
MR-4	125					
MR-1-P3	30					
MR-1-P5	30					

Note:)We can accommodate other specifications as well, so please ask if required.

R : Output load, I_o = I_o : Detection current

Before Using Zero-Phase Current Transformers ZCT

- Strong shocks such as from being dropped may change the characteristics. Take care to avoid any subjecting the transformers to physical shocks.