

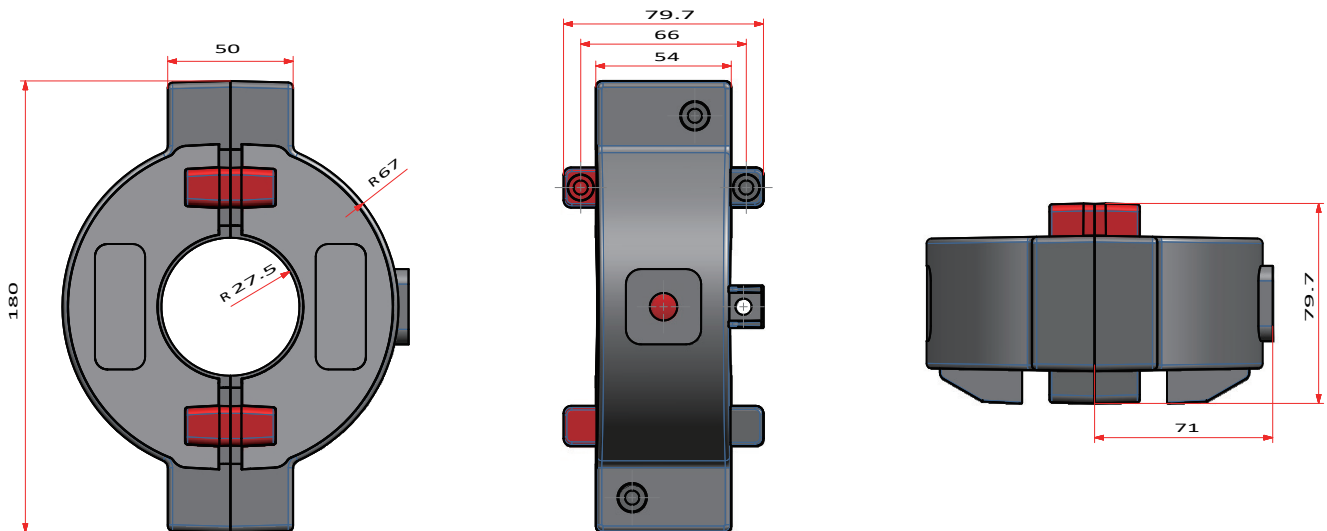
LZCK-55

Outdoors Split Core Current Transformer

LZCK series current transformers are applicable for AC power system 35kV and measurement of current of power supply equipment below 10KV also can be used for microcomputer protection. This type of current transformer employs imported silicon steel which with high permeability as magnetic material, has the characteristics of Small magnetic circuit loss and can be split, its semicircular core and secondary windings employ high quality epoxy resin vacuum, casting in plastic-case which is flame retardance anti-moisture, stable performance, no maintenance.



Outline drawing



Parameters

Technical parameters

Standards	IEC60044-1; IEC 61869-2; NTC 2205; GB1208-2006; ANSI C57.13
Accuracy Class	0.5S, 0.5%, 1%, 3%
Range of primary rated current	100-1500A

Technical parameters - continued

Range of Rated load	≤10VA
Rated frequency	50/60Hz
Rated secondary current	5A or 1A
Rated short-time thermal current	40kA, 1S
Rated continuous thermal current	150%I _n
Secondary winding power frequency withstand voltage	3kV, 1min
Safety Factor Rating	(FS) <10
Output signal	1A, 5A, 333mV, 1V or 5V(customized)
Cable length	2.5m, 5m, 10m(customized)

Flame retardant ABS plastic shell inside, jaw waterproof apron.

Mechanical parameters

Aperture (mm)	Φ55
Dimensions (W×D×H) (mm)	180×138×52
Weight (kg)	2

Working conditions

Operating temperature	-35°C to +65°C, average not exceeding +40°C
Storage temperature	-40°C to +70°C
Ingress Protection	IP65
Environment	outdoors or indoors
The Height of above sea level	0- 3000m
Conditions	No existence of severely begrimed, erosive and radioactive gas in the air. Continuous working under the rated current is allowed.

Selection guide

Model	Primary rated current	Rated load	Aperture (mm)	Description (mm)	Weight (kg)	Material	Water-proof
LZCK-55	100-1500A	≤10VA	φ55	180×138×52	2	PC	IP65
LMCK185-10	300-3000A	≤25VA	φ185	350×283×55	4.5	PC	IP65
LZCK310-10	300-600A	≤10VA	φ50	φ50 x φ110 x 32	1	Resin	silicon case (option)
LZCK322-10	30-600A	≤10VA	φ50	φ50 x φ110 x 52	1.6	Resin	silicon case (option)
LZCK350-10	20-600A	≤25VA	φ50	φ50 x φ110 x 105	3.1	Resin	silicon case (option)
LZCG530-10	30-600A	≤20VA	φ45	φ45 x φ120 x 65	5	Resin	silicon case (option)