

## MV Transformer CT&PT

### LCT Current Transformer

- ☞ This zero-sequence current transformer has such characteristics as high precision, good linearity, reliable operation, easy installation, especially this transformer can be applied to system of zero-sequence current 1A and 2A while conventional zero-sequence transformer can not. The exterior design is two central-circle combined type, novel structure, beautiful and reasonable.
- ☞ The products can be used for power supply system in the fields of electric power, metallurgy, coal, petroleum, chemical industry, building material and other industries.
- ☞ Standard: IEC 61869-1

#### General

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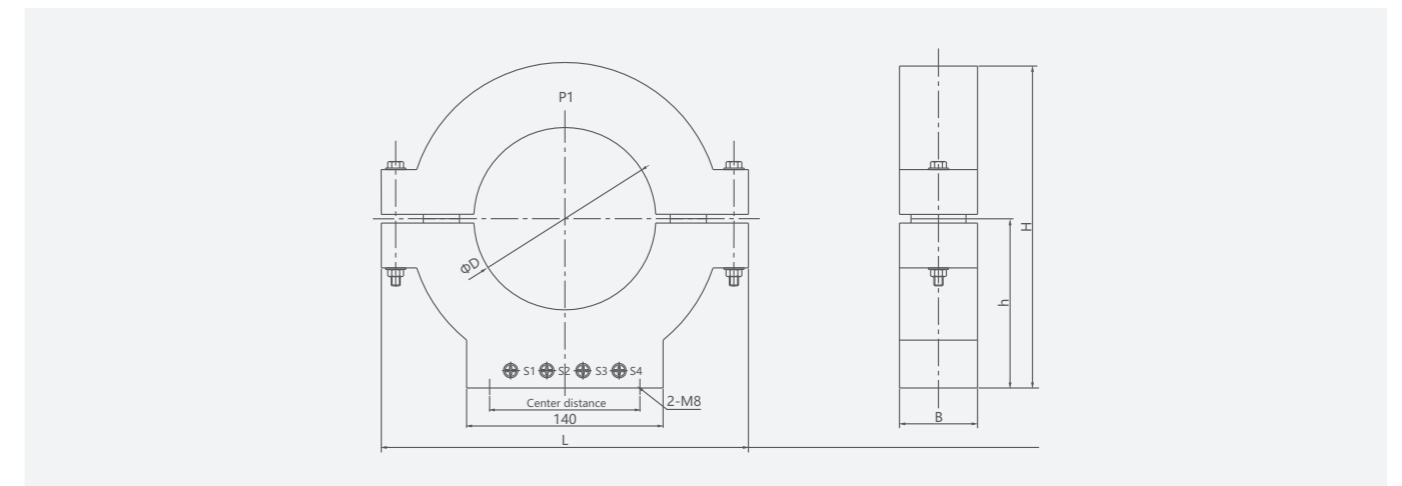
### Technical data

- Operating environment
  - Environmental temperature:  $-20^{\circ}\text{C}\sim 50^{\circ}\text{C}$ ;
  - Relative humidity:  $\leq 90\%$
  - Atmospheric pressure:  $80\text{kpa}\sim 200\text{kpa}$ ;
- AC voltage:  $66\text{kV}\sim 4000\text{kV}$ ;
- Zero-sequence current: Primary side  $\sim 36\text{A}$  (customize for 36A or above, secondary side  $20\sim 30\text{mA}$ )
- Electric network frequency:  $50\text{Hz}$ ;
- The terminal used with ML98 device-using explanation;

System primary zero-sequence current(A)	Selected terminal
$1\leq 10 < 6$	S1, S2
$6\leq 10 < 12$	S1, S3
$12\leq 10 < 36$	S1, S4

- Secondary load:  $\leq 2.5\Omega$

### Overall and mounting dimensions(mm)



Type	Bore $\Phi D$	Width L	Height H	Center height h	Thickness B	Mounting size and bolt spec.(M8×25)
LCT-7	$\Phi 185$	338	305	165	60	$105\pm 0.5$
LCT-5	$\Phi 150$	300	280	150	55	$105\pm 0.5$
LCT-4	$\Phi 120$	300	280	150	55	$105\pm 0.5$
LCT-3	$\Phi 100$	260	230	123	55	$105\pm 0.5$
LCT-2	$\Phi 80$	210	200	106	55	$110\pm 0.5$