

Current Transducer CT305-S(T)

I_{PN}=300Arms

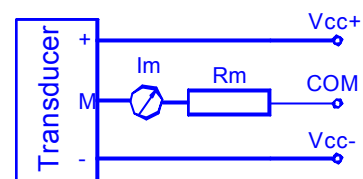
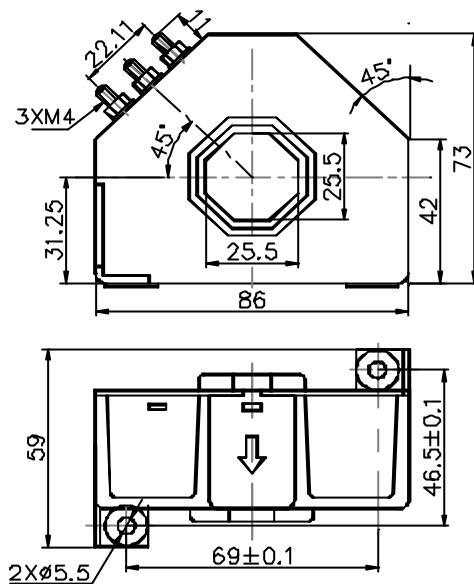
For the electronic measurement of currents: AC, DC IMPL.,etc.,with galvanic isolation between the primary (high power) and the secondary (electronic) circuits.

Performance data

Primary normal current I _{PN}	300	Arms
Primary current, measuring range I _p	0..±500	A 3min/h
Measuring resistance	R _{Mmax}	Ω
with ±15V @ ±500A	10	mA rms
Secondary normal current	120	VDC(±10%)
Conversion ratio	1:2500	kVrms/50Hz/1min
Supply voltage	±12.±15	
Current consumption	25±5mA (@±18V)+	Secondary output current
Isolation test	6	
Accuracy@ I _{PN} , T _A =+25°C	±0.8%	
Non-linearity	±0.1%	
Offset current @+25°C	±0.2	
Response time @90% of I _p max	≤1	
Di/dt:	≥50	
Operating temperature	-40..+85	
Storage temperature	-45..+90	
Mass	≤200	



Dimensions & connections



Note:CT305-S no bass