

Current Transducer CT500A-S(T)

I_{PN}=500Arms

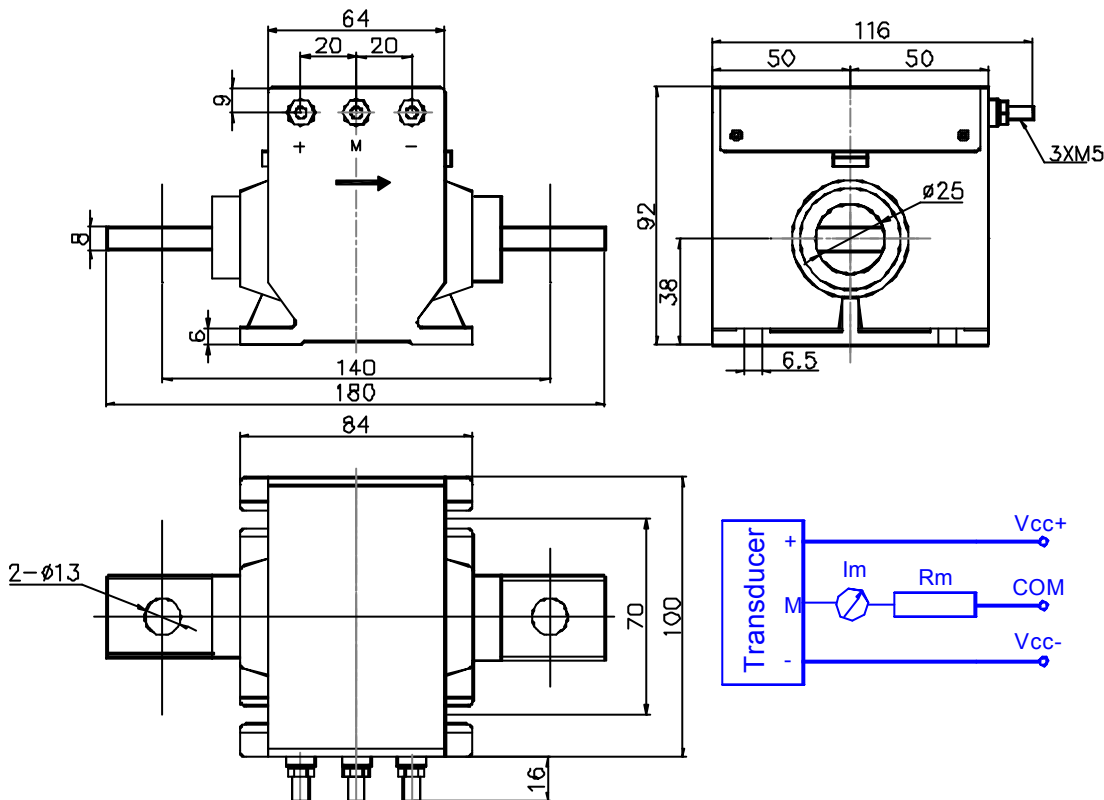
For the electronic measurement of currents: AC, DC IMPL.,etc.,with galvanic isolation between the primary (high power) and the secondary (electronic) circuits.

Performance data

Primary normal current I _{PN}	500	Arms
Primary current, measuring range I _p	0..±800	A 3min/h
Measuring resistance	R _{Mmax}	Ω
with ±15V @ ±800A	10	Ω
with ±24V @ ±1000A	25	mA rms
Secondary normal current	100	VDC(±5%)
Conversion ratio	1:5000	kVrms/50Hz/1min
Supply voltage	±15..±24	
Current consumption	30mA (@±18V)+	
Isolation test	6	
Accuracy@ I _{PN} , T _A =+25°C	≤±0.5%	
Non-linearity	≤±0.1%	
Offset current @+25°C	≤±0.25	
Response time @90% of I _p max	≤1	
Di/dt:	≥50	
Operating temperature	-25..+70	
Storage temperature	-40..+85	
Mass	≤400	



Dimensions & connections



Note:CT500A-S no bass

