

## Current Transducer CT500-S(T) TQG6B I<sub>PN</sub>=500Arms

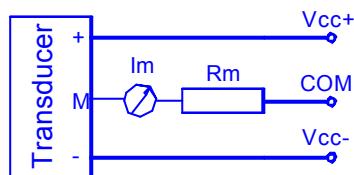
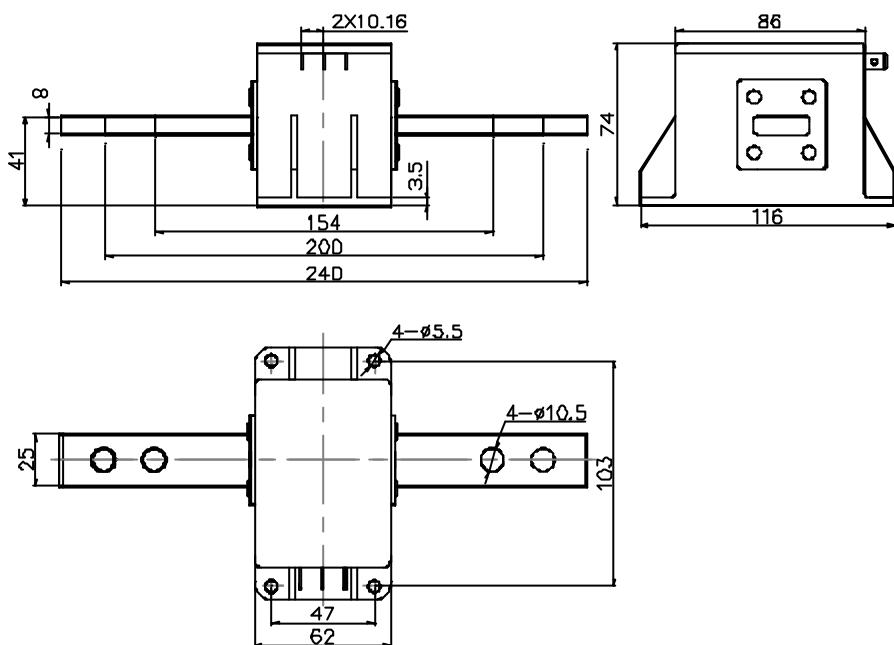
For the electronic measurement of currents: AC, DC IMPL.,etc.,with galvanic isolation between the primary (high power) and the secondary (electronic) circuits.

### Performance data

Primary normal current I <sub>PN</sub>	500	Arms
Primary current, measuring range I <sub>P</sub>	0..±800	A 3min/h
Measuring resistance R <sub>Mmax</sub>		
with ±15V @ ±800A	21	Ω
with ±24V @ ±800A	26	Ω
Secondary normal current	100	mA rms
Conversion ratio	1:5000	
Supply voltage	±15..±24	VDC(±5%)
Current consumption	30mA (@±18V)+ Secondary output current	
Isolation test	7	kVrms/50Hz/1min
Accuracy@ I <sub>PN</sub> , TA=+25°C	≤±1%	
Non-linearity	≤±0.1%	
Offset current @+25°C	≤0.25	mA
Response time @90% of I <sub>P</sub> max	≤1	μs
Di/dt:	≥50	A/μs
Operating temperature	-25..+70	°C
Storage temperature	-40..+85	°C
Mass	≤600	g



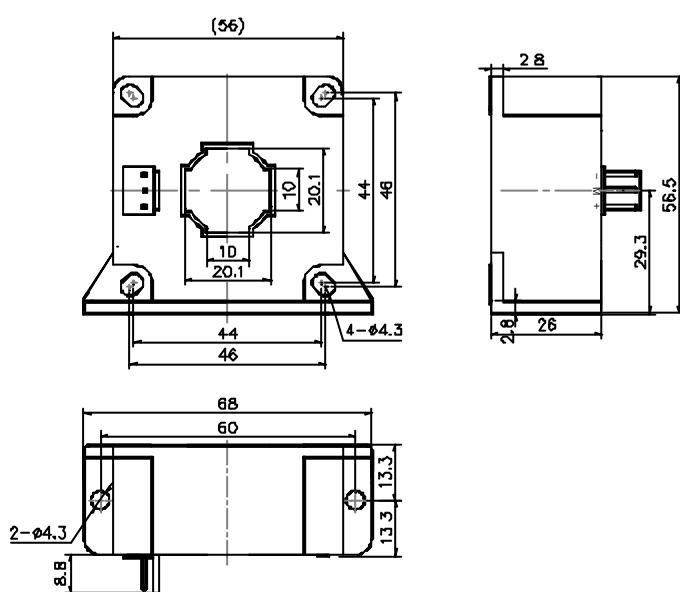
### Dimensions & connections



### Note:CT500-S no bass

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