

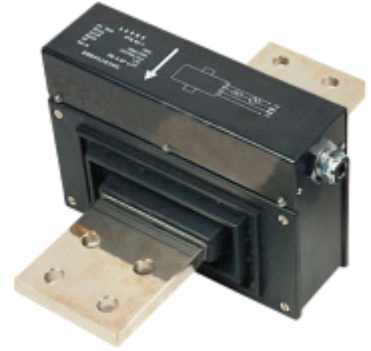
Current Transducer CA3000-T

I_{PN}=3000Arms

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}	3000	Arms
Primary current, measuring range I _p	0..±5000	A 2min/h
Measuring resistance with ±24V @ ±5000A	R _{Mmax} 7	Ω
Secondary normal current	300	mA rms
Conversion ratio	1:10000	
Supply voltage	±15.±24	VDC(±10%)
Current consumption	60mA (@±24V)+	Secondary output current
Isolation test	12	kVrms/50Hz/1min
Accuracy@ I _{PN} , T _A =+25°C	±0.2%	
Non-linearity	±0.1%	
Offset current @+25°C	±0.4	mA
Response time @90% of I _p max	≤1	μs
Di/dt:	≥50	A/μs
Operating temperature	-25..+70	°C
Storage temperature	-40..+85	°C
Mass	≤15000±500	g



Dimensions & connections

