

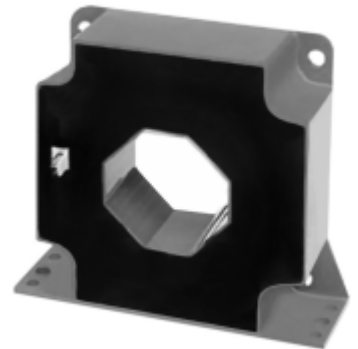
Current Transducer CF1005-S

I_{PN}=1000Arms

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}	1000	Arms
Primary current, measuring range I _p	0..±1500	A 3min/h
Measuring resistance	R _{Mmax}	Ω
with ±15V @ ±1200A	4	Ω
with ±24V @ ±1500A	21	mA rms
Secondary normal current	200	VDC(±5%)
Conversion ratio	1:5000	kVrms/50Hz/1min
Supply voltage	±15..±24	
Current consumption	28mA (@±24V)+	
Isolation test	3.8	
Accuracy@ I _{PN} , T _A =+25°C	±0.4%	
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	-40..+85	°C
Storage temperature	-45..+90	°C
Mass	≤550	g



Dimensions & connections

