

Current Transducer CT300-S(T) TQG6A TQG6

CT300-S(T) ,TQG6A $I_{PN}=300A$ ms TQG6 $I_{PN}=100A$ ms

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}		
CT300-S(T) TQG6A	300	A rms
TQG6	100	A rms
Primary current, measuring range I_p		
CT300-S(T) TQG6A	0..±500	A
TQG6	0..±150	A
Secondary normal current		
CT300-S(T) TQG6A	150	mA rms
TQG6	100	mA rms
Conversion ratio		
CT300-S(T) TQG6A	1:2000	
TQG6	1:1000	
Supply voltage	±12..±18	VDC(±10%)
Current consumption	20±5mA (@±15V)+	Secondary output current
Isolation test	7	kVrms/50Hz/1min
Accuracy@ I_{PN} , $T_A=+25^{\circ}C$	±1%	
Non-linearity	±0.1%	
Offset current @+25 $^{\circ}C$	±0.25	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	≤200	g



Dimensions & connections

Note:CT300-S,TQG6A,TQG6 no bass

