

Z-TRAUQ INC. compact DC CURRENT SENSORS AC or DC trms

SERIES T201

4 - 20mA DC output

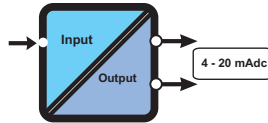
T201

T201DC

T201DC100



PATENTED TECHNOLOGY



0 - 10Vdc output

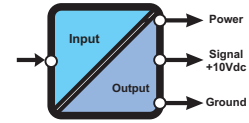
T201DCH

T201DCH100

T201DCH300

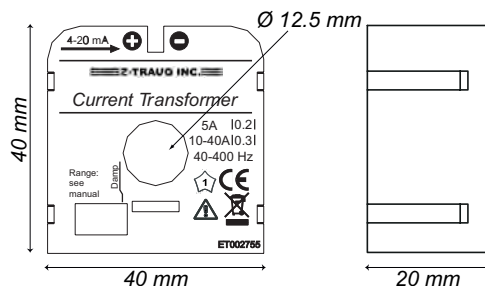


HALL EFFECT



Specifications	T201	T201DC	T201DC100	T201DCH	T201DCH100	T201DCH300
Accuracy Class	0.2%	0.2%	0.2%	0.5 % f.s.	0.5% over 2% of f.s. 1 % under 2% of f.s.	0.5% over 2% of f.s. 1 % under 2% of f.s.
Connectors	Removable terminals	Removable terminals	Faston 6.3 x 0.8 mm	Removable terminals	Removable terminals	Removable terminals
Consumption	< 21 mA	< 21 mA	< 21 mA	< 21 mA	< 21 mA	< 21 mA
Mounting	DIN rail	DIN rail	DIN rail / screws	DIN rail	DIN rail / screws	DIN rail / screws
Operating Temperature	-10 to +65°C	-10 to +65°C	-10 to +65°C	-10 to +65°C	-10 to +65°C	-10 to +65°C
Isolation	1 kVdc	1 kVdc	1 kVdc	1 kVdc	1 kVdc	1 kVdc
Protection Degree	IP20	IP20	IP20	IP20	IP20	IP20
Response Time select via DIP switches	100 ms w/o filter 2.5s with filter	100 ms w/o filter 600 ms with filter	100 ms w/o filter 600 ms with filter	Fast filter: 800 ms Slow filter: 2000 ms	Fast filter: 800 ms Slow filter: 2000 ms	Fast filter: 800 ms Slow filter: 2000 ms
Supply	Loop 5 - 28 Vdc	Loop 6 - 100 Vdc	Loop 6 - 100 Vdc	12 to 28 Vdc	12 to 28 Vdc	12 to 28 Vdc
Thermal Drift	< 150 ppm/K	< 150 ppm/K	< 150 ppm/K	< 200 ppm/K	< 200 ppm/K	< 200 ppm/K
INPUT						
Crest Factor	2	1.2	1.2	1.2	2	2
Bandwidth / Frequency	20Hz -1 kHz	-	-	20Hz -1 kHz	20Hz -1 kHz	20Hz -1 kHz
Hysteresis	-	-	-	0.15 % f.s.	0.15 % f.s.	0.15 % f.s.
Max Overcurrent	800 A	800 A	2000 A pulsed	2000 A pulsed	2000 A pulsed	2000 A pulsed
Measuring Type	Rectified Average	Rectified Average	Magnetic Balance	TRMS	TRMS	TRMS
Range selected via DIP switches	AC: 5, 10, 15, 20, 25, 30, 35, 40 A	DC: 0/5, 0/10, 0/20, 0/40, ±5, ±10, -5/20, -10/40 A	DC: 0/10, 0/25, 0/50, 0/100, ±10, ±25, -10/50, -25/100 A	AC & DC ±50 A	AC & DC ±100 A	AC & DC ±300 A
OUTPUT						
Range	4 - 20 mAdc	4 - 20 mAdc	4 - 20 mAdc	0 - 10 Vdc	0 - 10 Vdc	0 - 10 Vdc
Resolution	12 bit	12 bit	12 bit	12 bit	12 bit	12 bit
Approvals	CE	CE	CE	CE	CE	CE

T201 - T201DC - T201DCH



T201DC100 - T201DCH100 - T201DCH300

