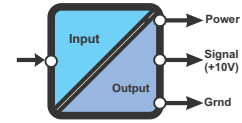
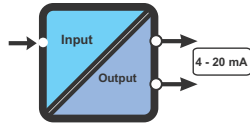


Z-TRAUQ INC. compact DC CURRENT SENSORS AC or DC trms

Bi-Polar

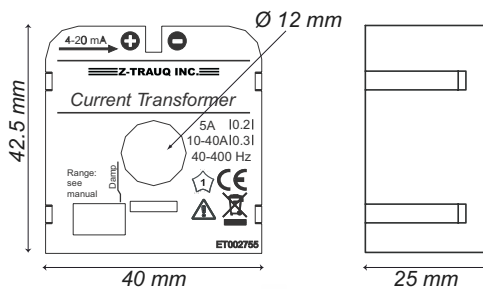
SERIES T201

4 - 20mA DC output			0 - 10Vdc output + ModBus RS485		
T201DCHLP	T201DCH100LP	T201DCH300LP	T201DCH50M	T201DCH100M	T201DCH300M

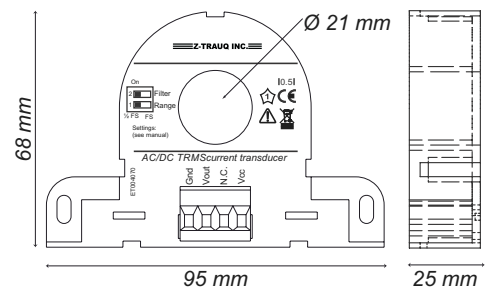


Specifications	T201DCHLP	T201DCH100LP	T201DCH300LP	T201DCH50M	T201DCH100M	T201DCH300M
Accuracy Class	0.5% f.s. AC TRMS; 1% f.s. DC bipolar			0.5% f.s. AC TRMS / DC bipolar		
Weight (g.)	47	120		120		
Connectors	Removable terminals (5 poles), pitch 5 mm for cable up to 2.5 mm ²			Removable terminals (5 poles), pitch 5 mm for cable up to 2.5 mm ²		
Consumption	< 22 mA			< 25 mA		
Mounting	Stand Alone or on DIN rail (35 mm) with clip model A-DIN-T201			Stand Alone or on DIN rail (35 mm) with clip model A-DIN-T201		
Operating Temperature	-20 to +70°C			-20 to +70°C		
Isolation	3 kVdc (on bare conductors)			3 kVdc (on bare conductors)		
Protection Degree	IP20			IP20		
Response Time via DIP switches	500 ms w/o filter 1 s with filter			Fast filter: 800 ms Slow filter: 2 s		
Supply	Loop powered (9..28 Vdc)			12 to 28 Vdc		
Thermal Drift	< 200 ppm/K			< 200 ppm/K		
INPUT						
Crest Factor	2	1.2		2		
Bandwidth / Frequency	1 kHz			1 kHz		
Hysteresis	0.3% f.s.			0.3% f.s.		
Max Overcurrent	300A (2000A pulsed)	500 A (2000 A pulsed)		300A direct (2000 A pulsed)		
Measuring Type	AC/DC TRMS or DC Bipolar			AC/DC TRMS or DC Bipolar		
Range selected via DIP switches	0-50 Aac/dc ±50 Adc	0-50 A, 0-100 Aac/dc ±50 A, ±100 Adc	0-150 A, 0-300 Aac/dc ±150 A, ±300 Adc	0-25 A, 0-50 Aac/dc ±25 A, ±50 Adc	0-50 A, 0-100 Aac/dc ±50 A, ±100 A ±300Adc	0-150 A, 0-300 Aac/dc ±100 A, ±300Adc
OUTPUT						
Range	4 - 20 mA (2 wires)			0 - 10 V		
Max. Load	< 1kΩ @ 28 Vdc			>2kΩ		
Resolution	12 bit			13 bit		
Approvals	CE, cULus Listed			CE		

T201 - T201DC - T201DCH - T201DCHLP



T201DCH100LP - T201DCH300LP
T201DC100 - T201DCH100 - T201DCH300
T201DCH50M - T201DCH100M - T201DCH300M



Technical data, diagrams and drawings are subject to change without notice.