



current transducer T25-I3

URL: <https://www.sxplc.com/current-transducer-t25-i3>

Product data sheet

Transducer	Current		Voltage			Watt + Wh or Var + Varh				
	1Ph		3Ph	1Ph		3Ph	1Ph2W	3Ph3W	3Ph4W	
Model	T25-IS	T25-IL	T25-I3	T25-VS	T25-VL	T25-V3	T25-WE10	T25-WE20 T25-BE20	T25-WE30 T25-BE30	
Case	A		B	A		B	B			
Signal	1, 5, 10 A or custom		100: $\sqrt{3}$... 500 V 1)			1, 5 A 100: $\sqrt{3}$, 100, 110: $\sqrt{3}$, 110, 220, 380, 500 V				
Frequency response	50 or 60 Hz \pm 2 Hz									
Input	Burden In Current Path		1.0 VA	0.3 VA		-			< 0.3 VA	
	Burden In Voltage Path		-		1.0 VA	0.3 VA		< 0.2 VA		
	Continuous	2 In		1.25 Un			I path 2 In, U path 1.25 Un			
	Over load Capacity	1 min		4 In		1.5 Un			I path 4 In, U path 1.5 Un	
		10 sec		10 In		2 Un			I path 10 In, U path 2 Un	
		1 sec		50 In		4 Un			I path 50 In, U path 4 Un	
Type	0-1, 0-5, 0-10, 0-20, 4-20, 4-12-20, \pm 1, \pm 5, \pm 10, \pm 20 mAdc or 0-1, 0-5, 0-10, 1-5, 2-10 Vdc									
Max load resistance kΩ	10 for 1 mA, 2 for 5 mA, 1 for 10 mA, 0.65 for 20 mA or 0.2 for 1 V, 1 for 5 V, 2 for 10 V									
Output	Voltage between terminals open circuit		10 VDC							
	Ripple (peak to peak)		< 0.5%		< 0.5%		< 0.5 %			
	Response time 0 to 90 % of rated value		< 400 ms		< 400 ms		< 400 ms			
Accuracy	Class according to IEC 688-1 (to 23° C) (7)		0.2		0.2		0.2			
	Load deviation		0.1 %		0.1 %		0.1 %			
	Linearity		0.1 %		0.1 %		0.2 %			
	Distortion		< 0.5 %		< 0.5 %		< 0.5 %			
Temperature coefficient	100 PPM /°C, \pm 0.2 % drift per year, non-cumulative									
Supply	AC 110 or 220V \pm 20%, 45...65Hz		-	Yes		Yes		Yes		
	DC 24, 48, 110, 125V \pm 20%		-	Yes		Yes		Yes		
	Burden		3 VA		8 VA		3 VA		8 VA	5 VA
Galvanic Isolation	4kV 50Hz / 1min									

