



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	1.0 VA		0.3 VA	-		< 0.3 VA			
Burden in Voltage Path	-		1.0 VA	0.3 VA		< 0.2 VA			
Over load Capacity	2 In		1.25 Un		I path 2 In, U path 1.25 Un				
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	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		
Class according to IEC 688-1 (to 23° C) (7)	0.2			0.2			0.2		
Accuracy	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								

