TRANSFORMER ENGINEERING

CUSTOMER DATASHEET

ISSUED
2026-10-04

Offer No : 8
Customer: LOCAL

Mould: CTWI-178x283x275-01
Drawing: CTWI-178x283x275-01 Rev. SAMPLE

WOUND CURRENT TRANSFORMER

REQUEST / OFFER SPECIFICATION

Firm: LOCAL Project: EXAMPLE Wound - connection 0 - 1 ratios - 4 cores Equipment:

IEC Wound CT / Indoor / Epoxy / No Barrier

12/28/75 kV 50 Hz 16 kA / 1 sec

Connection: None / 1P / 4 cores / Primary: 200 A

Core 1: 1 A / 0,5 FS 5 / 2,5 VA [1S1-1S2]

Core 2: 5 A / 5 P 10 / 5 VA [2S1-2S2]

Core 3: 1 A / 5 P 20 / 7,5 VA [3S1-3S2]

Core 4: 1 A / 0,5 FS 10 / 10 VA [4S1-4S2]

Type : CTWI-178x283x275-01 Tec. Drw.CTWI-178x283x275-01 Rev. SAMPLE

UNIT OFFER PRICE

Offer Price : 183.40 EURO

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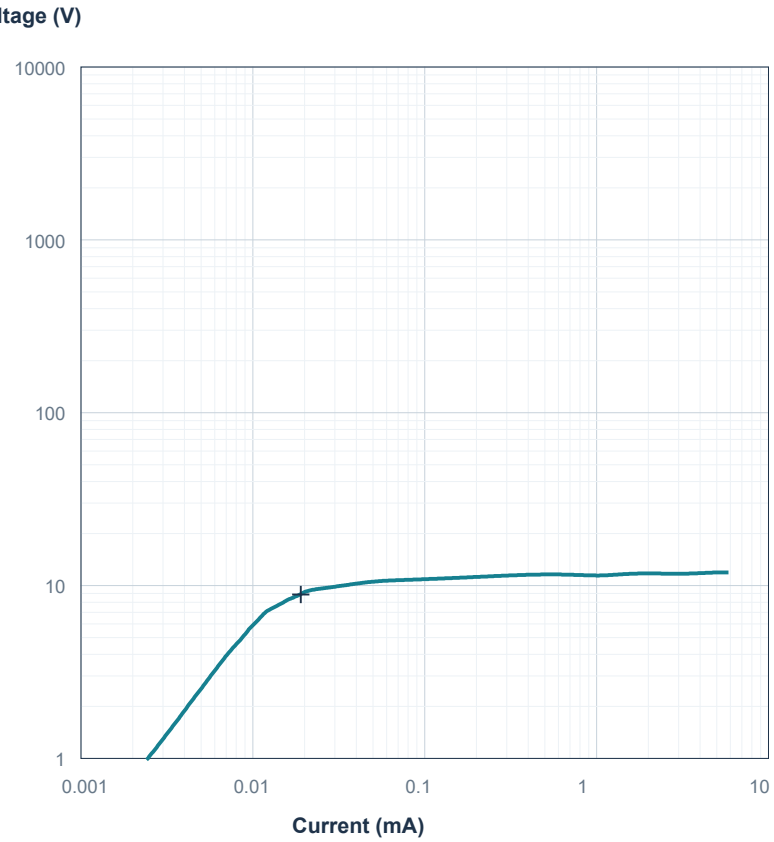
EXCITATION CURVE / SECONDARY 1

Sec. 1 Primary = 200 Secondary = 1 Vkp : 8.877 Io : 0.019 Rct : 0.765



Current	Voltage	Current	Voltage
0.001	0.372	0.010	7.151
0.001	0.749	0.011	7.527
0.002	1.126	0.012	7.902
0.002	1.502	0.013	8.278
0.003	1.879	0.016	8.654
0.003	2.256	0.019	8.877
0.004	2.632	0.021	9.029
0.004	3.009	0.028	9.401
0.004	3.385	0.047	9.768
0.005	3.762	0.112	10.115
0.005	4.139	0.682	10.397
0.006	4.515	0.895	10.536
0.006	4.892	1.736	10.650
0.007	5.269	2.736	10.738
0.007	5.645	3.808	10.831
0.007	6.021		
0.008	6.397		
0.009	6.764		

Legacy spline / logarithmic axes

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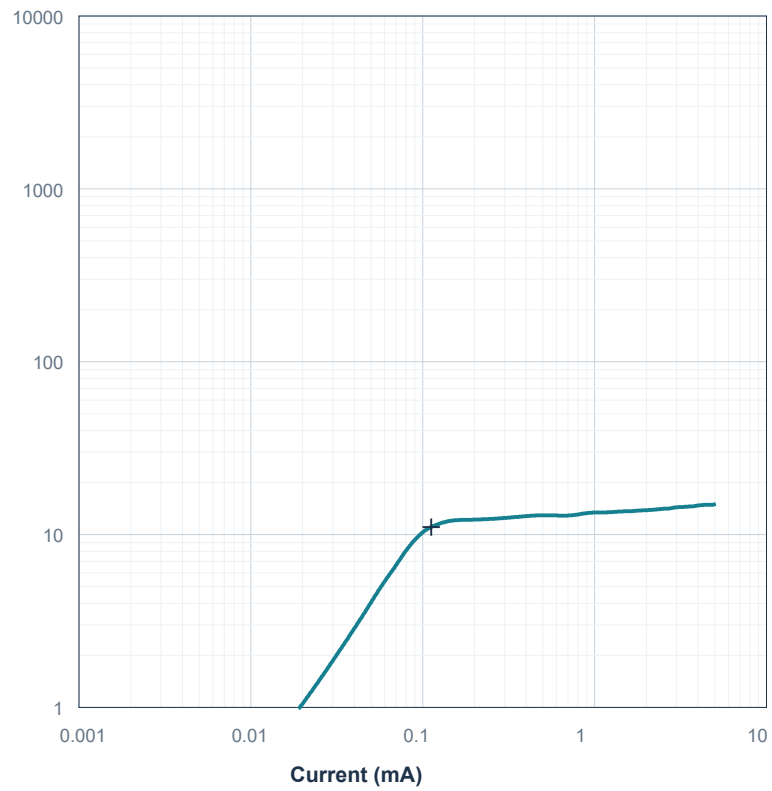
EXCITATION CURVE / SECONDARY 2

Sec. 2 Primary = 200 Secondary = 5 Vkp : 11.046 Io : 0.112 Rct : 0.072



Current	Voltage	Current	Voltage
0.009	0.550	1.066	12.401
0.019	1.517	1.186	12.505
0.026	2.487	1.308	12.570
0.032	3.456	1.430	12.630
0.038	4.451	1.553	12.722
0.043	5.396	1.675	12.811
0.048	6.341	1.799	12.843
0.053	7.311	1.923	12.998
0.059	8.256	2.045	13.092
0.065	9.201	2.170	13.129
0.076	10.145	2.295	13.192
0.112	11.046	2.421	13.216
0.119	11.061	2.545	13.294
0.303	11.722	2.671	13.400
0.480	11.732	2.796	13.468
0.593	12.083	2.922	13.502
0.709	12.202	3.048	13.512
0.827	12.252	3.175	13.520
0.945	12.371	3.301	13.550

Legacy spline / logarithmic axes

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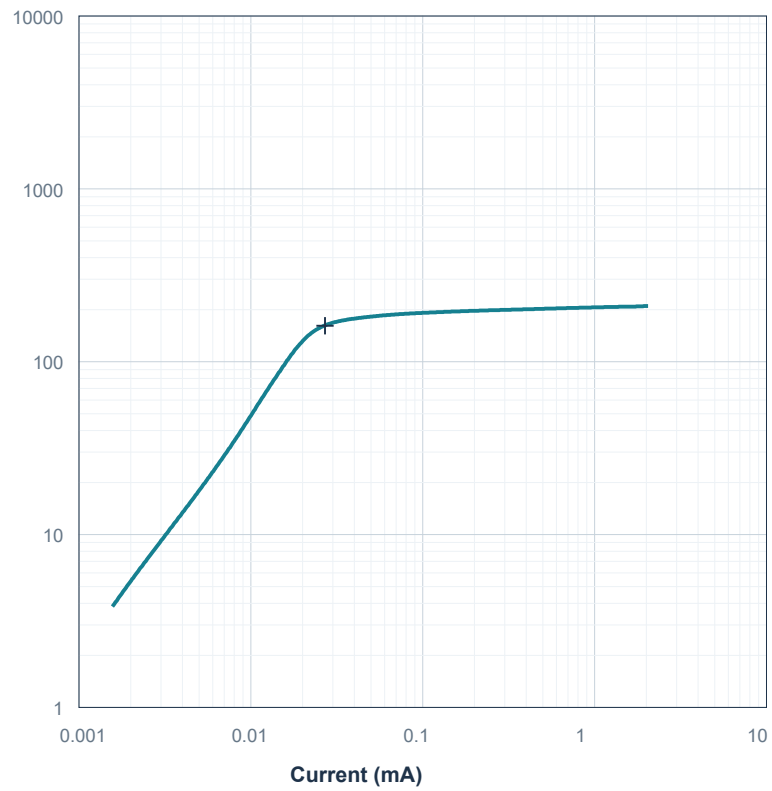
EXCITATION CURVE / SECONDARY 3

Sec. 3 Primary = 200 Secondary = 1 Vkp : 161.453 Io : 0.027 Rct : 2.195



Current	Voltage	Current	Voltage
0.001	3.552	0.015	133.532
0.002	10.916	0.016	140.675
0.004	18.123	0.018	147.792
0.005	25.351	0.021	154.857
0.005	32.565	0.027	161.453
0.006	39.799	0.027	161.721
0.007	47.013	0.039	168.312
0.008	54.234	0.065	174.065
0.008	61.468	0.120	178.513
0.009	68.688	0.212	181.610
0.009	75.890	0.340	184.078
0.010	83.091	0.496	186.091
0.011	90.331	0.680	187.584
0.011	97.552	0.887	188.766
0.012	104.747	1.109	189.487
0.013	111.968	1.328	191.032
0.013	119.143		
0.014	126.357		

Legacy spline / logarithmic axes

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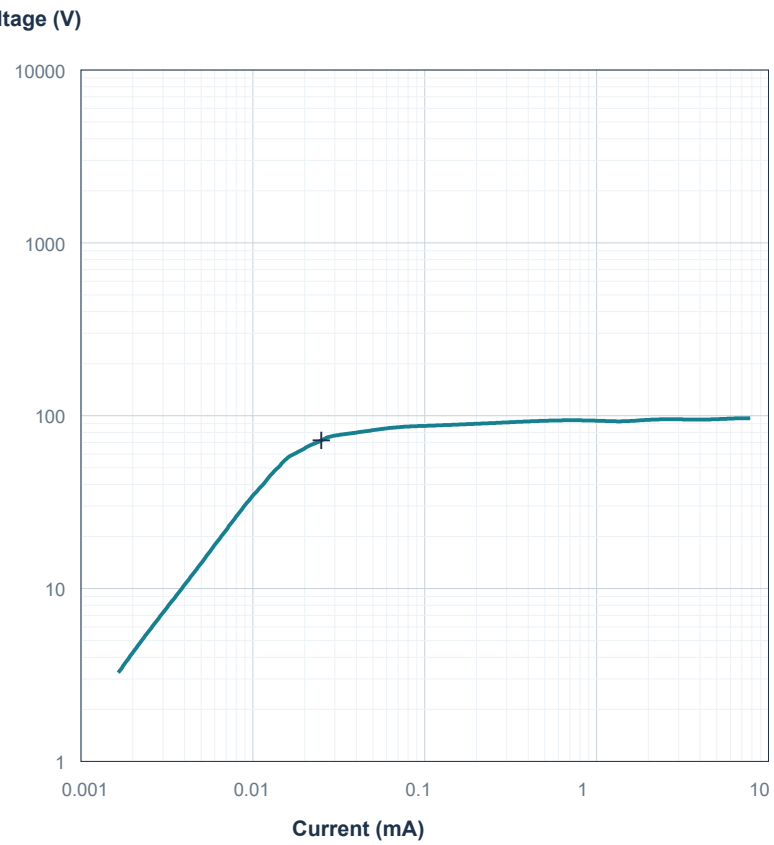
EXCITATION CURVE / SECONDARY 4

Sec. 4 Primary = 200 Secondary = 1 Vkp : 72.027 Io : 0.025 Rct : 1.695



Legacy spline / logarithmic axes

Current	Voltage	Current	Voltage
0.001	3.020	0.013	58.018
0.002	6.076	0.014	61.069
0.003	9.133	0.016	64.117
0.003	12.190	0.018	67.165
0.004	15.245	0.021	70.214
0.004	18.303	0.025	72.027
0.005	21.358	0.028	73.254
0.005	24.413	0.038	76.276
0.006	27.467	0.063	79.254
0.007	30.525	0.149	82.070
0.007	33.579	0.911	84.354
0.008	36.632	1.196	85.487
0.008	39.693	2.319	86.413
0.009	42.749	3.656	87.124
0.009	45.801	5.088	87.877
0.010	48.854		
0.011	51.905		
0.012	54.878		