

TK80 SERIES CURRENT TRANSFORMER

VTEKE®

FEATURES

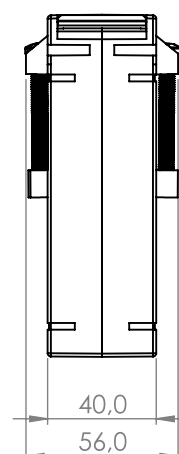
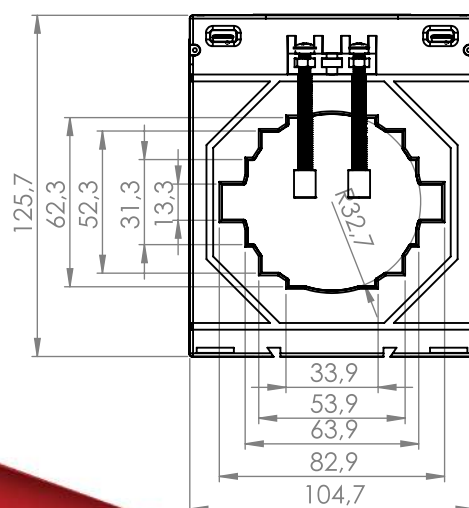
Window-type current transformer with sealable terminal cover, suitable for primary currents from 800A to 2000A AC; available in 1A or 5A AC secondary current; and accuracy classes 0.1, 0.2S, 0.2, 0.5S, 0.5 or Class 1.0.

TECHNICAL DATA

PARAMETER	VALUE
Standarts	IEC 60044-1, IEC 61869-2, VDE 0414-1, DIN57414, BS3938, BS7626, EN 61869-2
CT Ratio	From 800A to 2000A
Rated Power	Up to 30VA
Accuracy class	Class 0.1, 0.2S, 0.2, 0.5S, 0.5 or Class 1.0
Terminal	Integral terminal cover, high cross section brass terminal for extra safety
Case	Non-flammable self-extinguishing ABS/PC
Mounting	Various mounting options
Ambient temperature (operation)	-25 C ~ +85 C
Primary conductor	80 x 10 mm
Round conductor	Ø 65 mm
Number of input	1
Thermal rated short-time current	$I_{th} = 60 \text{ kA}$
Thermal rated continuous current	$I_d = 1 * I_n$
Rated frequency	50 Hz ... 60 Hz
Surge current limitation factor	FS 5
Test voltage	3 kV for 1 min
Max system voltage	0.72 kV



DIMENSION



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PRODUCT CODES	CLASS		1	0.5	0.5S	0.2	0.2S	0.1
	SERIES	CURRENT RATIO	BURDEN (VA)					
	TK80	800/5 A	15 VA	15 VA	10 VA	- 7.5 VA	-	-
		1000/5 A	15 VA	15 VA	15 VA	10 VA	7.5 VA	-
		1200/5 A	15 VA	15 VA	15 VA	15 VA	7.5 VA	7.5 VA
		1250/5 A	15 VA	15 VA	15 VA	15 VA	7.5 VA	7.5 VA
		1500/5 A	15/30	15/30	15 VA	15 VA	10 VA	10 VA
		1600/5 A	15/30	15/30	15 VA	15 VA	15 VA	15 VA
		2000/5 A	30 VA	30 VA	25 VA	20 VA	15 VA	15 VA