

# VTEKE®

## TK30N SERIES CURRENT TRANSFORMER

### FEATURES

Window-type current transformer with sealable terminal cover, suitable for primary currents from 40A to 600A AC; available in 1 A or 5A AC secondary current; and accuracy classes 0.5, 1.0, 3.0 Class 5.

### TECHNICAL DATA

Standards IEC 600441-1, IEC 61869-2, VDE 0414-1, DIN57414, BS3938, BS7626, EN61869-2.

CT Ratio From 40A to 600A

Rated Power Up to 5VA

Accuracy class Class 0.5, 1.0, 3.0 or Class 5.0

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 30 x 10 mm

Round conductor  $\varnothing$  26 mm

Number of input 1

Thermal rated short-time current  $I_{th} = 60 * I_n$

Thermal rated continuous current  $I_d = 1 * I_n$

Rated frequency 50 Hz ... 60 Hz

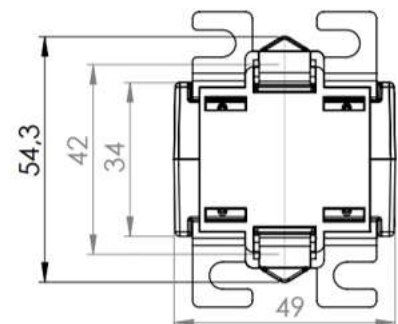
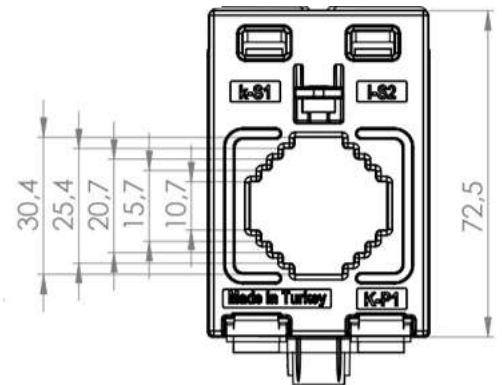
Surge current limitation factor FS 5

Test voltage 3 kV for 1min

Max system voltage 0.72kV



### DIMENSIONS



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## CURRENT TRANSFORMER

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CLASS		5	3	1	0.5
SERIES	CURRENT	BURDEN (VA)			
TK30N	40/5	1	-	-	-
	50/5	1	-	-	-
	60/5	1.5	1.5	-	-
	75/5	-	1.5	-	-
	80/5	-	-	1	-
	100/5	-	-	1.5	-
	125/5	-	-	1.5	-
	150/5	-	-	2.5	2.5
	160/5	-	-	2.5	2.5
	200/5	-	-	2.5	2.5
	250/5	-	-	2.5	2.5
	300/5	-	-	-	-
	400/5	-	-	2.5	2.5
	600/5	-	-	3.75	2.5