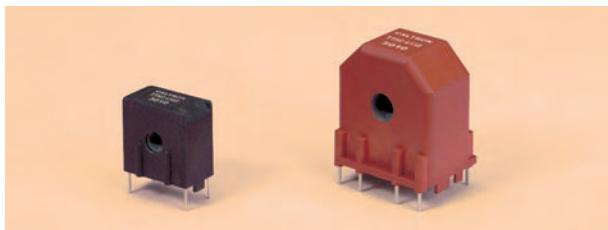


# 50/60 Hz CURRENT TRANSFORMERS



## TTSC AND TTHC - 22, 38

## SERIES IN VERTICAL VERSION

Current transformers in vertical version enable space economising, compact printed circuit board assembly. The simple construction enables high performance parameters with low heat development and an optimum price-performance ratio.

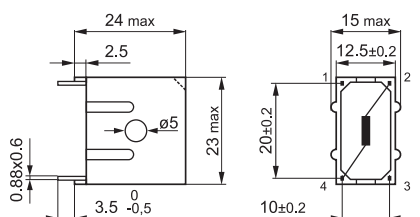
The customer has a choice between two closed housings.

Current transformers are simple, passive components for the purpose of converting high operating currents into rather smaller measuring currents. A distinction is made between the types Universal (TTSC) with 3% accuracy and High Performance (TTHC) with 1% precision.

With the ideal "galvanic separation" resulting from the structure and construction the safety requirements of industry are fulfilled in full.

<b>Primary current <math>I_N</math></b>	: up to 50 Amp. AC 50 / 60 Hz
<b>Resolution</b>	: 3% TTSC types, 1% TTHC types
<b>Isolation stability</b>	: 4 kVAc
<b>Operating temperature</b>	: - 40°C up to +70°C
<b>Climatic class</b>	: 40/70/21 as per IEC 60068-1
<b>Inflammability</b>	: UL 94 V-0

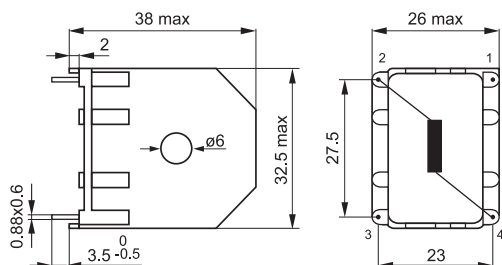
### Case type 22



Type	Turn ratio [N]	$I_N$ prim. [A]	U output <sup>①</sup> [V]	R burden [ $\Omega$ ]	Resolution [%]
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TTSC-6122-3010	1 : 1000	30	1	33.3	3
TTHC-6122-1010	1 : 1000	10	1	100	1

### Case type 38



TTSC-6138-5010	1 : 1000	50	1	20	3
TTHC-6138-3010	1 : 1000	30	1	33.3	1

Customer-specific components on request

① @ 50 Hz / 25°C

R burden : secondary meas. resistor