

# Current and Voltage Controls

## Current Transformer, 1-Phase AC

### Type TADK, TADK 2

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TADK



TADK2

- Dry-type wound primary current transformer
- For low primary currents (TADK)
- For DIN-rail and panel mounting
- TADK2: Class 0.5, currents from 1 to 40 A
- TADK: Class 0.5, currents from 1 to 250 A

## Product Description

Dry-type wound primary current transformer with DIN-rail and panel mounting facility.

Rated primary currents from 1 A to 250 A.

## Ordering Key

**TADK 40A 5A**

Model

Primary current

Secondary current

## Type Selection

Model	Primary current
TADK: For low primary currents	Refer to Range Table
TADK2: Standard	

## Input Specifications

Operating frequency	40 to 60 Hz
Max. system voltage	0.72 kV
Rated insulation level	3 kV / 1 min. @ 50 Hz
Short-time current rating	60 I <sub>n</sub> / 1 s
I <sub>th</sub>	2.5 I <sub>th</sub>
I <sub>dyn</sub>	
Extended current rating	120%
Security factor (FS)	≤ 5

## Output Specifications

Rated secondary current	5 A - standard 1 A - on request
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## General Specifications

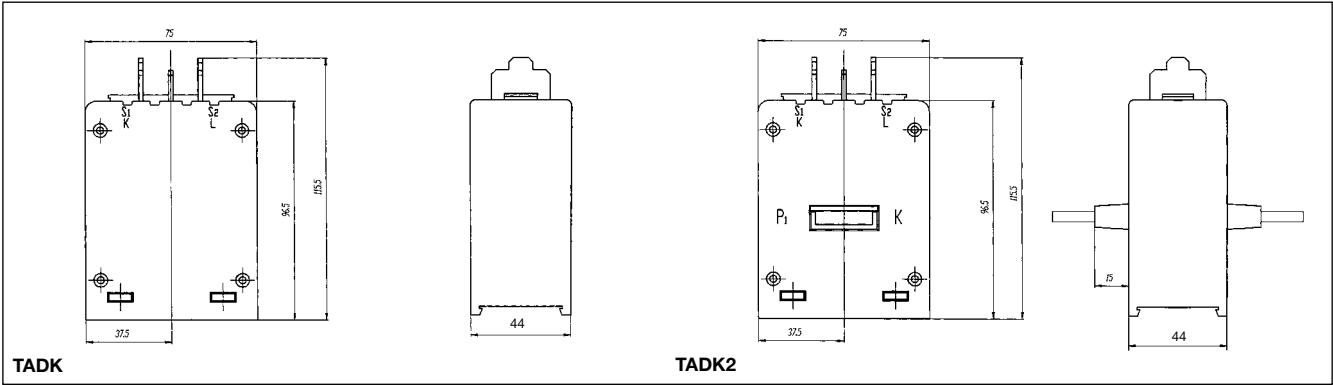
Standards	According to IEC 60185,
Housing	ABS, self-extinguishing: UL 94 V-0
Mounting	DIN-rail 46277 and panel mounting (by means of brackets supplied with the CT)
Standard accessories	Screws + washers for primary and secondary terminals Brackets for panel mounting Sealable terminal block cover
Special features	1 A secondary current Double ratio obtained on the secondary Tropicalization



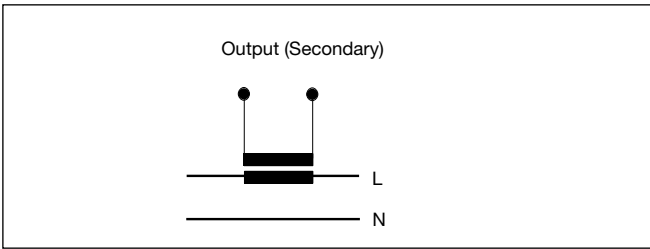
Range Table

Rated Primary Current	Bus-bar (mm)	Rated secondary current 1 A/5 A			
		TADK: Class	Burden	TADK2: Class	Burden
1 A	25 x 5	0.5	10 VA	0.5	10 VA
5 A	25 x 5	0.5	10 VA	0.5	10 VA
10 A	25 x 5	0.5	10 VA	0.5	10 VA
15 A	25 x 5	0.5	10 VA	0.5	10 VA
25 A	25 x 5	0.5	10 VA	0.5	10 VA
40 A	25 x 5	0.5	10 VA	0.5	10 VA
50 A	25 x 5	-	-	0.5	10 VA
60 A	25 x 5	-	-	0.5	10 VA
80 A	25 x 5	-	-	0.5	10 VA
100 A	25 x 5	-	-	0.5	10 VA
150 A	25 x 5	-	-	0.5	10 VA
200 A	25 x 5	-	-	0.5	10 VA
250 A	25 x 5	-	-	0.5	10 VA

Dimensions



Wiring Diagram



Standard Accessories

- Sealable plastic cover for terminal block
- Brackets for panel mounting

