

Accessories

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
- TADK: Class 0.5, currents from 1 to 250 A
- TADK2: Class 0.5, currents from 1 to 40 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	
I_{th}	$60 I_n / 1 s$
I_{dyn}	$2.5 I_{th}$
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

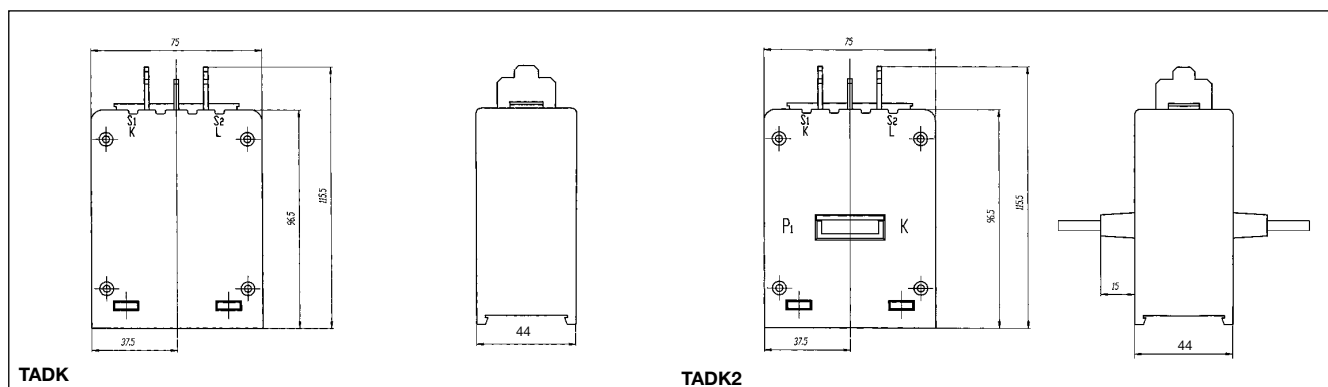
TADK:

Rated Primary Current	Rated secondary current 1 A/5 A	
	Class	Burden
1 A	0.5	10 VA
5 A	0.5	10 VA
10 A	0.5	10 VA
15 A	0.5	10 VA
25 A	0.5	10 VA
40 A	0.5	10 VA
50 A	-	-
60 A	-	-
80 A	-	-
100 A	-	-
150 A	-	-
200 A	-	-
250 A	-	-

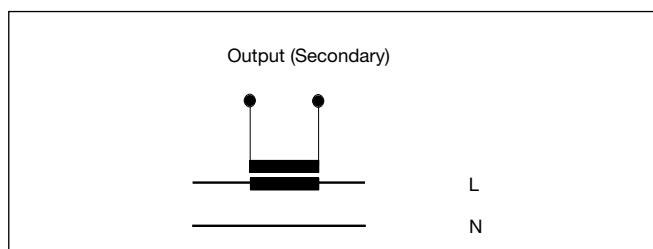
TADK2:

Rated Primary Current	Bus-bar (mm)	Rated secondary current 1 A/5 A	
		Class	Burden
1 A	25 x 5	0.5	10 VA
5 A	25 x 5	0.5	10 VA
10 A	25 x 5	0.5	10 VA
15 A	25 x 5	0.5	10 VA
25 A	25 x 5	0.5	10 VA
40 A	25 x 5	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 (mm)



Wiring Diagram



Standard Accessories

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

