

# Current and Voltage Controls

## Current Transformer, 1-Phase AC

### Type TAD 8, TAD 12



TAD 8



TAD 12

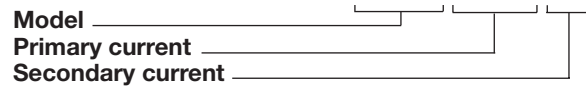
- Cable/bus-bar type current transformer
- Direct mounting on bus-bar
- TAD8: class 0.5, currents from 400 to 2500 A
- TAD12: class 0.5, currents from 800 to 4000 A

### Product Description

Cable/bus-bar type current transformer for direct mounting. Rated primary currents from 400 A to 4000 A.

### Ordering Key

**TAD8 600A 5A**



### Type Selection

#### Model

**TAD8:** Bus-bar size:  
82 x 32 mm or  
65 x 34 mm

**TAD12:** Bus-bar size:  
127 x 51 mm or  
102 x 53 mm

#### Primary Current

Refer to Range Table

### 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	Typical 100 I <sub>n</sub> / 1 s 2.5 I <sub>th</sub> The short-time thermal current I <sub>th</sub> is anyway limited by the cable/bus-bar size
Extended current rating	120%
Security factor (FS)	≤ 5

### General Specifications

Standards	According to IEC 60185, VDE 0414-1
Housing	Self-extinguishing thermoplastic insulated housing
Mounting	Direct mounting on bus-bar
Standard accessories	Double FAST-ON for secondary terminals Small bars for bus-bar mounting
Special features	1 A secondary current Sealable terminal cover Double ratio obtained on the secondary Tropicalization

### Output Specifications

Rated secondary current	5 A standard 1 A on request
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#### Bus-bar size

TAD 8:	82 x 32 mm or 65 x 34 mm
TAD 12:	127 x 51 mm or 102 x 53 mm

