

# Current and Voltage Controls

## Current Transformer, 1-Phase AC

### Types TACO 110, TACO 200



TACO 110



TACO 200

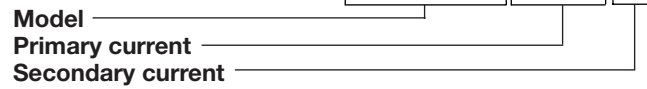
- Cable/bus-bar type current transformer
- Panel mounting facility
- TACO 110: class 0.5, currents from 800 to 4000 A
- TACO 200: class 0.5, currents from 1000 to 6000 A

### Product Description

Cable/bus-bar type current transformer with panel mounting facility. Rated primary currents from 800 A to 6000 A.

### Ordering Key

**TACO110800A 1A**



### Type Selection

#### Model

**TACO110:**  
 Cable diameter:  
 Max. 110 mm

**TACO200:**  
 Cable diameter:  
 Max. 200 mm

#### Primary current

See 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<br>2.5 I <sub>n</sub><br>The short-time thermal current I <sub>n</sub> is anyway limited by the cable/bus-bar size |
| I <sub>n</sub><br>I <sub>dyn</sub> |  |
| Security factor                    | ≤ 5  |

### General Specifications

|                      |   |
|----------------------|---|
| Standards            | According to IEC 60185  |
| Housing              | Self-extinguishing thermoplastic insulated housing<br>Fully embodied in resin insulated housing |
| TACO 100             |   |
| TACO 200             |   |
| Mounting             | Panel mounting by means of angle steel supplied with the CT                                     |
| Standard accessories | FAST-ON for secondary terminals<br>Angle steels for panel mounting<br>1 A secondary current     |
| Special features     | Sealable terminal cover<br>Tropicalization  |
| Cable diameter       | Max. 110 mm<br>Max. 200 mm  |
| TACO 110             |   |
| TACO 200             |   |

### Output Specifications

Rated secondary current  
 5 A standard  
 1 A on request



## Range Table

### TACO 110:

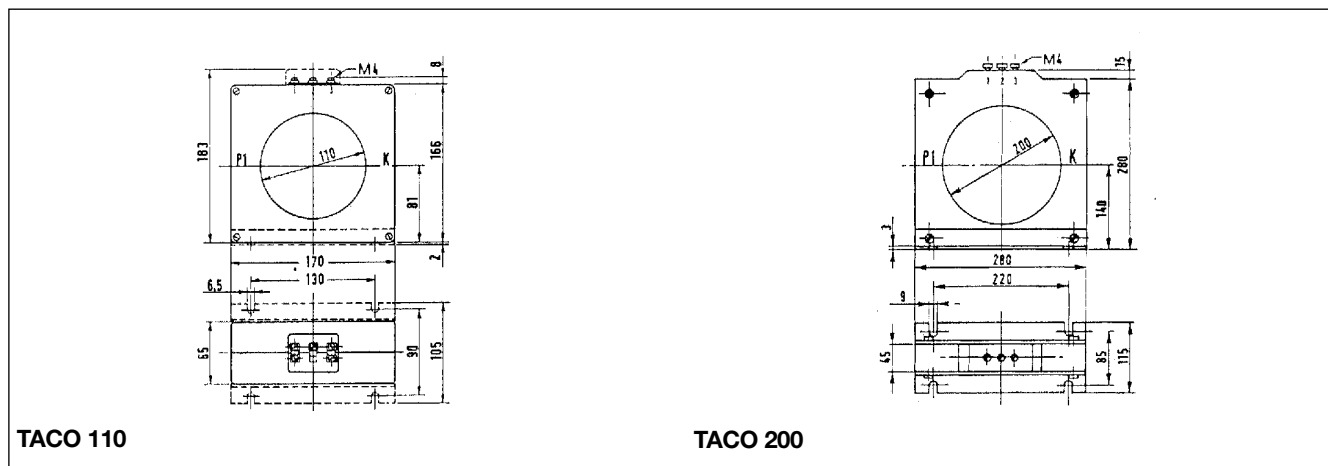
| Rated primary current | Rated secondary current 1 A/5 A   |                                 |                      |
|-----------------------|-----------------------------------|---------------------------------|----------------------|
|                       | Class 0.5 <sup>1)</sup><br>Burden | Class 1 <sup>1)</sup><br>Burden | Class 5P10<br>Burden |
| 800 A                 | 15 VA                             | 30 VA                           | 10 VA                |
| 1000 A                | 20 VA                             | 40 VA                           | 10 VA                |
| 1500 A                | 40 VA                             | 80 VA                           | 10 VA                |
| 2000 A                | 50 VA                             | 100 VA                          | 10 VA                |
| 2500 A                | 60 VA                             | 120 VA                          | 10 VA                |
| 3000 A                | 80 VA                             | 160 VA                          | 10 VA                |
| 4000 A                | 100 VA                            | 200 VA                          | 10 VA                |

### TACO 200:

| Rated primary current | Rated secondary current 1 A/5 A   |                                 |                      |
|-----------------------|-----------------------------------|---------------------------------|----------------------|
|                       | Class 0.5 <sup>1)</sup><br>Burden | Class 1 <sup>1)</sup><br>Burden | Class 5P10<br>Burden |
| 1000 A                | 15 VA                             | 30 VA                           | 10 VA                |
| 1500 A                | 15 VA                             | 30 VA                           | 10 VA                |
| 2000 A                | 15 VA                             | 30 VA                           | 10 VA                |
| 2500 A                | 40 VA                             | 80 VA                           | 10 VA                |
| 3000 A                | 40 VA                             | 80 VA                           | 10 VA                |
| 4000 A                | 50 VA                             | 100 VA                          | 10 VA                |
| 5000 A                | 50 VA                             | 100 VA                          | 10 VA                |
| 6000 A                | 50 VA                             | 100 VA                          | 10 VA                |

<sup>1)</sup>The accuracy class is depending on the burden output. For the same rated primary current, the higher the burden the lower the class (class down-grade).

## Dimensions



## Wiring Diagram

