



## TA210 50 /5A

TA210 50 /5A, Current transformers, winding primary

Code: M70548.

- > System: Single-phase
- > Class 0,5 Power (VA): 15
- > Class 1 Power (VA): 20
- > Class 3 Power (VA): 30
- > Measurement Range (A): 50/5
- > Input current: 50 A
- > Transformer type: Winding primary

### Description

- Types: from 5 to 400 A
- Wound primary

### Application

Converting a high nominal current to a lower current so that it can be measured by the unit.  
In installations where the nominal current is not too high or where the current requested from the secondary power transformer does not exceed 10 VA.



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High-accuracy wound primary current transformer

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## Specifications

### Electrical characteristics

|                    |                   |
|--------------------|-------------------|
| Safety factor (SF) | FS < 5            |
| Power              | 15 VA (Class 0,5) |

### Mechanical characteristics

|                                  |                                    |
|----------------------------------|------------------------------------|
| Size (mm) width x height x depth | 75 x 104.5 x 134 (mm)              |
| Envelope                         | Plastic wrap V0 self-extinguishing |
| Fastening                        | DIN rail with accessory            |
| Weight (kg)                      | 0,56                               |

### Environmental characteristics

|               |                   |
|---------------|-------------------|
| Thermal Class | Class A (+105 °C) |
|---------------|-------------------|

### Specific technical characteristics of current sensors

|                   |               |
|-------------------|---------------|
| Operating voltage | 0,72 kV~ max. |
|-------------------|---------------|

### Current measurement circuit

|                                     |            |
|-------------------------------------|------------|
| Nominal frequency                   | 50 / 60 Hz |
| Primary current measurement         | 50 A       |
| Dynamic current (Idyn)              | 2,5 Ith    |
| Thermal short-circuit current (Ith) | 60 In      |
| Transformation ratio                | ... / 5 A  |

### Standards

|           |   |
|-----------|---|
| Standards | IEC 44-1, UNE 21 088-1, UL 94, VDE 0414 |
|-----------|---|

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| CODE    | TYPE         | Measurement Range (A) | Class 0,5 Power (VA) | Class 1 Power (VA) | Class 3 Power (VA) |
|---------|--------------|-----------------------|----------------------|--------------------|--------------------|
| TA210   |              |                       |                      |                    |                    |
| M70541. | TA210 5 /5A  | 5/5                   | 15                   | 20                 | 30                 |
| M70542. | TA210 10 /5A | 10/5                  | 15                   | 20                 | 30                 |
| M70543. | TA210 15 /5A | 15/5                  | 15                   | 20                 | 30                 |
| M70544. | TA210 20 /5A | 20/5                  | 15                   | 20                 | 30                 |
| M70545. | TA210 25 /5A | 25/5                  | 15                   | 20                 | 30                 |
| M70546. | TA210 30 /5A | 30/5                  | 15                   | 20                 | 30                 |



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| CODE    | TYPE          | Measurement Range (A) | Class 0,5 Power (VA) | Class 1 Power (VA) | Class 3 Power (VA) |
|---------|---------------|-----------------------|----------------------|--------------------|--------------------|
| M70547. | TA210 40 /5A  | 40 /5                 | 15                   | 20                 | 30                 |
| M70548. | TA210 50 /5A  | 50 /5                 | 15                   | 20                 | 30                 |
| M70549. | TA210 60 /5A  | 60 /5                 | 15                   | 20                 | 30                 |
| M7054A. | TA210 75 /5A  | 75 /5                 | 15                   | 20                 | 30                 |
| M7054B. | TA210 100 /5A | 100 /5                | 15                   | 20                 | 30                 |
| M7054C. | TA210 125 /5A | 125 /5                | 15                   | 20                 | 30                 |
| M7054D. | TA210 150 /5A | 150 /5                | 15                   | 20                 | 30                 |
| M7054E. | TA210 200 /5A | 200 /5                | 10                   | 20                 | 30                 |
| M7054F. | TA210 250 /5A | 250 /5                | 15                   | 20                 | 30                 |
| M7054G. | TA210 300 /5A | 300 /5                | 15                   | 20                 | 30                 |
| M7054H. | TA210 400 /5A | 400 /5                | 15                   | 20                 | 30                 |
| M7054K. | TA210 80 /5A  | 80 /5                 | 15                   | 20                 | 30                 |

Seleable terminal cover and anchorage base are included



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## Dimensions

