



# TRMC-X3 400/5 Ext

TRMC-X3 400/5 Ext, Current transformers

Code: Q301T4010E000

- > Usefull diam.(mm): 38
- > Cable (m): 7
- > Class 0,5S Power (VA): 2,5
- > Measurement Range (A): 300/5

## Specifications

### AC power supply

|           |            |
|-----------|------------|
| Frequency | 50 / 60 Hz |
|-----------|------------|

### Electrical characteristics

|                             |              |
|-----------------------------|--------------|
| Safety factor (SF)          | 5            |
| Power                       | 2,5 ... 5 VA |
| Insulation voltage, circuit | 3 kV         |

### Mechanical characteristics

|                                  |  |
|----------------------------------|--|
| Size (mm) width x height x depth | 245 x 80 x 98.5 (mm)                                       |
| Envelope                         | Self-extinguishing V0 plastic, filled with synthetic resin |
| Connection type                  | Three-phase busbar, cable length 1.5 m                     |
| Weight (kg)                      | 2,2  |

### Environmental characteristics

|  |                   |
|--|-------------------|
| Thermal Class                            | class B (+130 °C) |
| Relative humidity (without condensation) | 5 ... 95 %        |
| Installation, location, position.        | Inside            |
| Storage temperature                      | -15 ... +50 °C    |
| Working temperature                      | -5 ... +40 °C     |

### Specific technical characteristics of current sensors

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

### Standards

|                                       |  |
|---------------------------------------|--|
| Certifications                        | UL 94  |
| Electrical safety, Maximum height (m) | 1000   |
| Standards                             | IEC 61869-2, IEC 60038, IEC 60071-1, IEC 60071-2, IEC 60721-3-3, IEC 60085, EN 60076-5, UNE 21-305-90, UNE-EN 60695-2-10, UNE-EN 60695-2-11, UL 94 |

### Current measurement circuit

|                                     |           |
|-------------------------------------|-----------|
| Primary current measurement         | 400 A     |
| Dynamic current (Idyn)              | 2,5 lth   |
| Thermal short-circuit current (lth) | 60 In     |
| Transformation ratio                | ... / 5 A |



# TRMC-X3 400/5 Ext

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TRMCx3  
Three-phase current transformers for energy meters

| CODE          | TYPE              |
|---------------|-------------------|
| Outdoor       |                   |
| Q301T1010E000 | TRMC-X3 100/5 Ext |
| Q301T2010E000 | TRMC-X3 200/5 Ext |
| Q301T3010E000 | TRMC-X3 300/5-Ext |
| Q301T4010E000 | TRMC-X3 400/5 Ext |



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### Dimensions



### Connections

