

Current transformer - PACT MCR-V2-4012- 70- 250-5A-1 - 2277116


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Window-type current transformer, 250 A AC primary current; 5 A AC secondary current; accuracy class 1; 5 VA rated power



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 305082 |
| GTIN | 4046356305082 |

Technical data

Dimensions

| | |
|------------------------------------|-------|
| Width | 30 mm |
| Width with alternative assembly | 70 mm |
| Height | 90 mm |
| Height with alternative assembly | 90 mm |
| Depth | 70 mm |
| Depth with alternative assembly | 30 mm |
| Primary round conductor (diameter) | 33 mm |
| Primary round conductor (width) | 40 mm |
| Primary round conductor (height) | 12 mm |
| Note on dimensions | 2 |
| Primary round conductor (width) | 30 mm |
| Primary round conductor (height) | 10 mm |

Ambient conditions

| | |
|---|----------------------------------|
| Ambient temperature (operation) | -25 °C ... 40 °C |
| Ambient temperature (storage/transport) | -25 °C ... 40 °C |
| Maximum altitude | ≤ 1000 m |
| Permissible humidity (operation) | Use only indoors, non-condensing |

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Technical data

General

| | |
|-------------------|--------------------|
| Converter type | Plug-on converters |
| Accuracy class | 1 |
| Can be calibrated | no |
| Color | black |
| Housing material | PA 6.6 |

Input data

| | |
|-------------------------------------|--------------------------|
| Thermal rated short-time current | $I_{th} = 60 * I_n$ |
| Thermal rated continuous current | $I_d = 1.2 * I_n$ |
| Rated surge current | $I_{dyn} = 2.5 * I_{th}$ |
| Rated frequency: Standard converter | 50 Hz ... 60 Hz |
| Surge current limitation factor | FS 5 |
| Rated power | 5 VA |
| Primary rated current I_{pn} | 0 A ... 250 A |
| Secondary rated current I_{sn} | 5 A AC |

Connection data

| | |
|----------------------------------|--|
| Connection method | Screw connection |
| Conductor cross section flexible | 2x 2.5 mm ² ... 4 mm ² () |

Standards and Regulations

| | |
|--------------------------|--------------------------------|
| Standards/regulations | EN 50178 |
| | EN 61869 |
| Rated insulation voltage | 1 kV (Phase/neutral conductor) |
| UL, USA/Canada | XODW8.E323953 |

Conformance/approvals

| | |
|----------------|----------------|
| Designation | UL, USA/Canada |
| Identification | XODW8.E323953 |

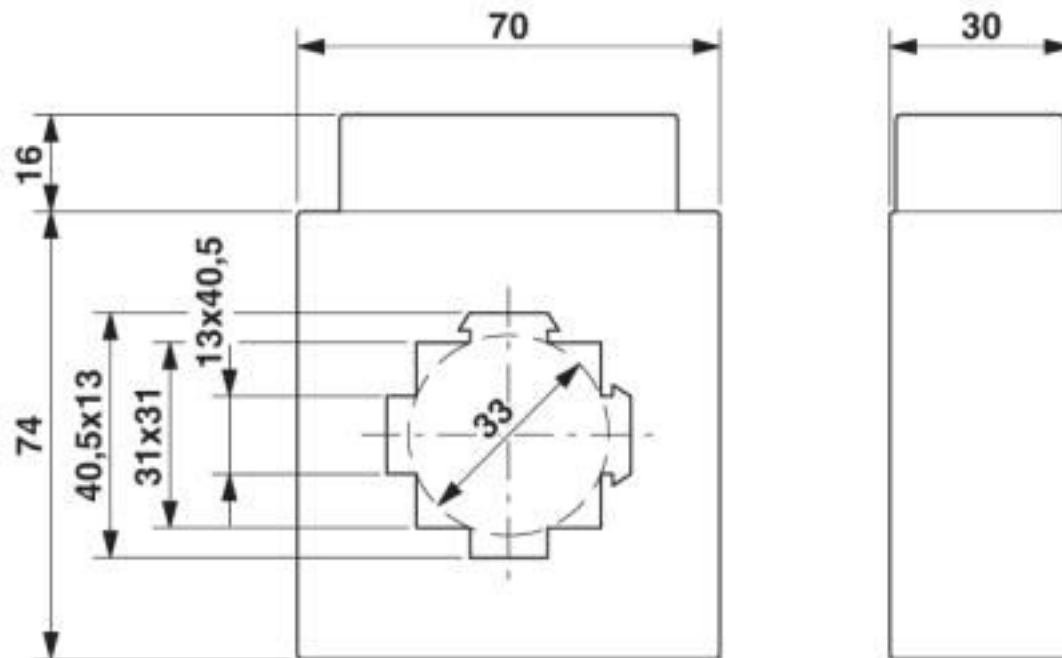
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

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Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27210902 |
| eCl@ss 4.0 | 27210900 |
| eCl@ss 4.1 | 27210900 |
| eCl@ss 5.0 | 27210900 |
| eCl@ss 5.1 | 27210900 |
| eCl@ss 6.0 | 27210900 |
| eCl@ss 7.0 | 27210902 |
| eCl@ss 8.0 | 27210902 |
| eCl@ss 9.0 | 27210902 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC002048 |
| ETIM 4.0 | EC002048 |
| ETIM 5.0 | EC002048 |
| ETIM 6.0 | EC002048 |
| ETIM 7.0 | EC002048 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211501 |
| UNSPSC 7.0901 | 39121019 |
| UNSPSC 11 | 39121006 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121006 |
| UNSPSC 13.2 | 39121032 |
| UNSPSC 18.0 | 39121032 |
| UNSPSC 19.0 | 39121032 |
| UNSPSC 20.0 | 39121032 |
| UNSPSC 21.0 | 39121032 |

Approvals

Approvals

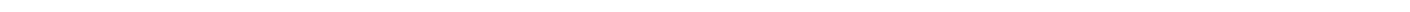


Approvals

EAC



Ex Approvals



Approval details

| | | |
|-----|--|---------------------|
| EAC | | RU*DE*08.B.01187/19 |
|-----|--|---------------------|

Accessories

Accessories

Mounting material

Mounting material - PACT-FAST-MNT-W13-L65 - 2276625



The transformer quick-action mechanism enables the lightning-fast mounting of PACT current transformers on the power rail. The installation can be completed easily by hand without the use of tools. Fixing pins: 65 mm, holding latches: 13 mm



Mounting material - PACT-FAST-MNT-W13-L40 - 2276612



The transformer quick-action mechanism enables the lightning-fast mounting of PACT current transformers on the power rail. The installation can be completed easily by hand without the use of tools. Fixing pins: 40 mm, holding latches: 13 mm



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