

## Current transformer - PACT MCR-V2-3015- 60- 125-5A-1 - 2277624

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Window-type current transformer, 125 A AC primary current; 5 A AC secondary current; accuracy class 1; 3.75 VA rated power



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 282.37 g |
| Custom tariff number                 | 85043129 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                                    |       |
|------------------------------------|-------|
| Primary round conductor (diameter) | 28 mm |
| Primary round conductor (width)    | 30 mm |
| Primary round conductor (height)   | 15 mm |
| Primary round conductor (width)    | 20 mm |
| Primary round conductor (height)   | 20 mm |
| Width                              | 30 mm |
| Height                             | 80 mm |
| Depth                              | 60 mm |
| Width with alternative assembly    | 60 mm |
| Height with alternative assembly   | 80 mm |
| Depth with alternative assembly    | 30 mm |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -25 °C ... 40 °C |
| Ambient temperature (storage/transport) | -25 °C ... 40 °C |

#### Input data

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## Technical data

### Input data

|                                       |                          |
|---------------------------------------|--------------------------|
| Thermal rated short-time current      | $I_{th} = 60 * I_n$      |
| Rated surge current                   | $I_{dyn} = 2.5 * I_{th}$ |
| Rated frequency: Standard converter   | 50 Hz ... 60 Hz          |
| Rated frequency: Calibrated converter | 50 Hz                    |
| Surge current limitation factor       | FS 5                     |
| Rated power                           | 3.75 VA                  |
| Primary rated current $I_{pn}$        | 0 A ... 125 A            |
| Secondary rated current $I_{sn}$      | 1 A AC (typabhängig)     |
|                                       | 5 A AC (typabhängig)     |

### General

|                           |                                |
|---------------------------|--------------------------------|
| Converter type            | Plug-on converters             |
| Accuracy class            | 0.2 (typabhängig)              |
|                           | 0.5 (typabhängig)              |
|                           | 1 (typabhängig)                |
|                           | 0.2S (typabhängig)             |
|                           | 0.5S (typabhängig)             |
| Can be calibrated         | no                             |
| Test voltage              | 12 kV (1.2/50 $\mu$ s)         |
| Rated insulation voltage  | 1 kV (Phase/neutral conductor) |
| Test voltage input/output | 3 kV (50 Hz, 1 min.)           |
| Standards/regulations     | EN 50178                       |
|                           | EN 61869                       |
| Color                     | black                          |

## Classifications

### eCl@ss

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

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001505 |
|----------|----------|

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001505 |
| ETIM 4.0 | EC002048 |
| ETIM 5.0 | EC002048 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211501 |
| UNSPSC 7.0901 | 39121019 |
| UNSPSC 11     | 39121006 |
| UNSPSC 12.01  | 39121006 |
| UNSPSC 13.2   | 39121006 |

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

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| EAC |
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## Drawings

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Dimensional drawing

