

## Current transformer - PACT MCR-V2-5012- 85- 400-5A-1 - 2277161

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Window-type current transformer, 400 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85043129 |
| Country of origin    | Germany  |

### Technical data

#### Dimensions

|                                    |        |
|------------------------------------|--------|
| Primary round conductor (diameter) | 42 mm  |
| Primary round conductor (width)    | 50 mm  |
| Primary round conductor (height)   | 12 mm  |
| Note on dimensions                 | 2      |
| Primary round conductor (width)    | 40 mm  |
| Primary round conductor (height)   | 10 mm  |
| Width                              | 30 mm  |
| Height                             | 108 mm |
| Depth                              | 85 mm  |
| Width with alternative assembly    | 85 mm  |
| Height with alternative assembly   | 108 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          |
| Surge current limitation factor     | FS 5                     |
| Rated power                         | 10 VA                    |
| Primary rated current $I_{pn}$      | 0 A ... 400 A            |
| Secondary rated current $I_{sn}$    | 5 A AC                   |

### General

|                           |                                    |
|---------------------------|------------------------------------|
| Converter type            | Plug-on converters                 |
| Class                     | 1                                  |
| Can be calibrated         | no                                 |
| Rated insulation voltage  | 1 kV                               |
| Test voltage input/output | 3 kV (50 Hz, 1 min.)               |
| Standards/regulations     | IEC 60044-1                        |
| Color                     | black                              |
| Housing material          | Polyamide PA fiberglass reinforced |

## 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 |
| ETIM 3.0 | EC001505 |
| ETIM 4.0 | EC002048 |
| ETIM 5.0 | EC002048 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211501 |
| UNSPSC 7.0901 | 39121019 |

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 39121006 |
| UNSPSC 12.01 | 39121006 |
| UNSPSC 13.2  | 39121006 |

## Drawings

Dimensioned drawing

