

## Current transformer - PACT MCR-V2-8015-105- 750-5A-1 - 2276285

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Window-type current transformer, 750 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

### Your advantages

- ✓ Primary rated current I<sub>pn</sub>: 0 ... (400 ... 2500) A
- ✓ Circular conductor dimensions: Ø 61 mm

**RoHS**

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 502702 |
| GTIN         | 4046356502702                                                                                           |

### Technical data

#### Dimensions

|                                    |        |
|------------------------------------|--------|
| Width                              | 30 mm  |
| Width with alternative assembly    | 105 mm |
| Height                             | 132 mm |
| Height with alternative assembly   | 132 mm |
| Depth                              | 105 mm |
| Depth with alternative assembly    | 30 mm  |
| Primary round conductor (diameter) | 61 mm  |
| Primary round conductor (width)    | 80 mm  |
| Primary round conductor (height)   | 15 mm  |
| Note on dimensions                 | 2      |
| Primary round conductor (width)    | 60 mm  |
| Primary round conductor (height)   | 10 mm  |

#### Ambient conditions

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

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## Technical data

### Ambient conditions

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

### 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                         | 10 VA                    |
| Primary rated current $I_{pn}$      | 0 A ... 750 A            |
| Secondary rated current $I_{sn}$    | 5 A AC                   |

### Connection data

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

### Standards and Regulations

|                          |                                |
|--------------------------|--------------------------------|
| Standards/regulations    | EN 50178                       |
|                          | EN 61869                       |
| Rated insulation voltage | 1 kV (Phase/neutral conductor) |

### Environmental Product Compliance

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

## 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 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
| UNSPSC 12.01  | 39121006 |
| UNSPSC 13.2   | 39121032 |
| UNSPSC 19.0   | 39121032 |

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