

## Current transformer - PACT MCR-V3-60 - 2277417

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Winding current transformer, primary current can be selected between 1...40 A AC; secondary current can be selected as 1 A AC or 5 A AC; accuracy class can be selected as 0.5 or 1; rated power can be selected

### Your advantages

- Primary rated current I<sub>pn</sub>: 0 (1 40) A
- Live copper conductors connected directly to the screw terminal blocks on the primary side



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	251.700 g
Custom tariff number	85043140
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Width	30 mm
	60 mm (with alternative mounting)
Height	80 mm
	80 mm (with alternative mounting)
Depth	60 mm
	30 mm (with alternative mounting)

#### 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	Roll converter
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 $f_n$	50 Hz
	60 Hz
Rated power	2.5 VA
	5 VA
Primary rated current $I_{pn}$	0 A ... 1 A
	0 A ... 2 A
	0 A ... 2.5 A
	0 A ... 4 A
	0 A ... 5 A
	0 A ... 6 A
	0 A ... 7.5 A
	0 A ... 10 A
	0 A ... 12.5 A
	0 A ... 15 A
	0 A ... 20 A
	0 A ... 25 A
	0 A ... 30 A
	0 A ... 40 A

### Output data

Secondary rated current $I_{sn}$	1 A AC (depends on type)
	5 A AC (depends on type)
Surge current limitation factor	FS 5
Accuracy class	0.5 (depends on type)
	1 (depends on type)

### Connection data

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

### Standards and Regulations

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

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## Technical data

### Conformance/approvals

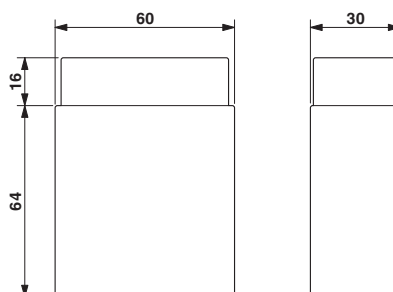
Designation	UL, USA / Canada
Identification	XODW8.E323953

### 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

Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27210902
eCl@ss 11.0	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 9.0	27210902

### ETIM

ETIM 3.0	EC002048
ETIM 4.0	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

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Approvals


EAC

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Ex Approvals

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### Approval details

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