

# Current transformer - PACT MCR-V2-10020-129-2500-5A



2276395

<https://www.phoenixcontact.com/pc/products/2276395>

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Window-type current transformer, 2500 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

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## Your advantages

- Primary rated current  $I_{pn}$ : 0 ... (400 ... 4000) A
- Circular conductor dimensions:  $\varnothing$  85 mm

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## Commercial Data

Item number	2276395
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	CK4A11
Catalog Page	Page 216 (C-5-2019)
GTIN	4046356566261
Weight per Piece (including packing)	651 g
Weight per Piece (excluding packing)	550.5 g
Customs tariff number	85043129
Country of origin	DE

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## Technical Data

### Product properties

Product type	Current transformer
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### Electrical properties

Rated insulation voltage	1 kV (Phase/neutral conductor)
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#### General

Can be calibrated	no
Converter type	Plug-on converters

### Input data

#### Current transformers

Rated power	15 VA
Thermal rated short-time current	$I_{th} = 60 * I_n$
Thermal rated continuous current	$I_d = 1.2 * I_n$
Rated surge current	$I_{dyn} = 2.5 * I_{th}$
Primary rated current $I_{pn}$	0 A AC ... 2500 A AC
Primary rated current range	1 A AC ... 4000 A AC (depends on type)
Can be calibrated	no
Converter type	Plug-on converters

### Output data

#### Signal

Designation	Current output
Secondary rated current $I_{sn}$	5 A AC
Surge current limitation factor	FS 5
Accuracy class	0.2 (depends on type)
	0.5 (depends on type)
	1 (depends on type)
	0.2S (depends on type)
	0.5S (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 with screw connection)

### Dimensions

Width	30 mm
Height	156 mm
Depth	129 mm
Primary round conductor (diameter)	85 mm

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## Alternative assembly

Width	129 mm
Height	156 mm
Depth	30 mm

## Material specifications

Housing material	PA 6.6
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## Environmental and real-life conditions

### Ambient conditions

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

## Approval data

### CE

Certificate	CE-compliant
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### CE

Identification	XODW8.E323953
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## Standards and regulations

Standards/regulations	EN 61869
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## Mounting

Mounting type	DIN rail mounting
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## Approvals



**EAC**

Approval ID: RU\*DE\*08.B.01187/19



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## Classifications

### ECLASS

ECLASS-9.0	27210902
ECLASS-10.0.1	27210902
ECLASS-11.0	27210902

### ETIM

ETIM 8.0	EC002048
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### UNSPSC

UNSPSC 21.0	39121000
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## Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)