

PACT MCR-V2-10036-129-3000-5A - Current transformer



2276405

<https://www.phoenixcontact.com/us/products/2276405>

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Window-type current transformer, 3000 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

Your advantages

- Primary rated current I_{pn} : 0 ... (400 ... 4000) A
- Rail dimensions: 3x 100 x 12 mm

Commercial data

Item number	2276405
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK4A11
Catalog page	Page 230 (C-5-2017)
GTIN	4046356566674
Weight per piece (including packing)	615.3 g
Weight per piece (excluding packing)	614.1 g
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	Window-type current transformer

Input data

Current transformer

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	$I_{dyn} = 2.5 * I_{th}$
Rated frequency f_n	50 Hz 60 Hz
Primary rated current I_{pn}	0 A ... 3000 A
Primary rated current range	1 A ... 4000 A (depends on type)
Can be calibrated	no
Converter type	Window-type current transformer

Output data

Signal

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 ² ... 4 mm ² (Secondary terminals)

Dimensions

Width	30 mm
Height	156 mm
Depth	129 mm

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Width	129 mm
Height	156 mm
Depth	30 mm
Width	100 mm
Height	12 mm
Width	30 mm
Height	156 mm
Depth	129 mm

Alternative assembly

Width	129 mm
Height	156 mm
Depth	30 mm

Material specifications

Color	black (RAL 9005)
Housing material	PA 6.6

Environmental and real-life conditions

Ambient conditions

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

Approvals

CE

Certificate	CE-compliant
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Standards and regulations

Standards/regulations	EN 50178
	EN 61869

Mounting

Mounting type	DIN rail mounting
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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com