PACT MCR-V2-12040-159-4000-5A - Current transformer

2276418

https://www.phoenixcontact.com/us/products/2276418

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Window-type current transformer, 4000 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

Your advantages

- Primary rated current Ipn: 0 ... (400 ... 4000) A
- Rail dimensions: 4x 120 x 10 mm

Commercial data

Item number	2276418
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK4A11
Catalog page	Page 231 (C-5-2017)
GTIN	4046356566698
Weight per piece (including packing)	924.2 g
Weight per piece (excluding packing)	876.5 g
Country of origin	DE

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Technical data

Product properties

Product type	Current transformer

Electrical properties

Rated insulation voltage	1 kV (Phase/neutral conductor)

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 ... 4000 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 mm² ... 4 mm² (Secondary terminals)

Dimensions

Width	30 mm
Height	188 mm
Depth	159 mm

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Width	159 mm
Height	188 mm
Depth	30 mm
Width	120 mm
Height	10 mm
Width	30 mm
Height	188 mm
Depth	159 mm

Alternative assembly	
Width	159 mm
Height	188 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

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.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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