

Current transformer - PACT MCR-V2-10020-129-2000-1A1



2905889

<https://www.phoenixcontact.com/pc/products/2905889>

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Window-type current transformer, 2000 A AC primary current; 1 A AC secondary current; accuracy class 1; 15 VA rated power

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Commercial Data

Item number	2905889
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	CK4A11
GTIN	4055626005003
Weight per Piece (including packing)	633.9 g
Weight per Piece (excluding packing)	250 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 ... 2000 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}	1 A AC
Surge current limitation factor	FS 5
Accuracy class	1

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
Primary round conductor (diameter)	85 mm

Alternative assembly

Width	129 mm
Height	156 mm
Depth	30 mm

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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
Permissible humidity (operation)	Use only indoors, non-condensing

Standards and regulations

Standards/regulations	EN 50178
	EN 61869

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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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