

2276382
<https://www.phoenixcontact.com/no/products/2276382>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Window-type current transformer, 2000 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

Your advantages

- Primary rated current I_{pn}: 0 ... (500 ... 2000) A
- Circular conductor dimensions: Ø 70 mm

Commercial data

Item number	2276382
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	31BCK
Product key	CK4A11
Catalog page	Page 229 (C-5-2017)
GTIN	4046356566254
Weight per piece (including packing)	486.2 g
Weight per piece (excluding packing)	485.9 g
Customs tariff number	85043129
Country of origin	DE

PACT MCR-V2-8020-105-2000-5A-1 - Current transformer



2276382

<https://www.phoenixcontact.com/no/products/2276382>

Technical data

Product properties

Product type	Current transformer
--------------	---------------------

Electrical properties

Rated insulation voltage	1 kV
--------------------------	------

General

Can be calibrated	no
Class	1
Converter type	Window-type current transformer

Input data

Current transformers

Rated power	10 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 ... 2000 A
Can be calibrated	no
Class	1
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	1

Connection data

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

Dimensions

Item dimensions

Width	30 mm
Height	132 mm
Depth	105 mm

Item dimensions with alternative mounting

PACT MCR-V2-8020-105-2000-5A-1 - Current transformer



2276382

<https://www.phoenixcontact.com/no/products/2276382>

Width	105 mm
Height	132 mm
Depth	30 mm

Copper rail

Width	80 mm
Height	10 mm

Copper rail 2

Width	60 mm
Height	60 mm

Circular conductor

Diameter	70 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

Approvals

CE

Certificate	CE-compliant
-------------	--------------

Standards and regulations

Standards/regulations	IEC 60044-1
-----------------------	-------------

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

PACT MCR-V2-8020-105-2000-5A-1 - Current transformer



2276382
<https://www.phoenixcontact.com/no/products/2276382>

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"

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT AS
Strømsveien 344
N-1081 Oslo
+47 22 07 68 00
norge@phoenixcontact.com