

1382378
<https://www.phoenixcontact.com/us/products/1382378>

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.

Split-core current transformer, primary current: 20 A AC, secondary current: 0 ... 1 A AC, Accuracy class: 3, rated power: 0.2 VA, length of signal cable: 2 m



Commercial data

Item number	1382378
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C444
Product key	CMMA12
GTIN	4063151755614
Weight per piece (including packing)	221.68 g
Weight per piece (excluding packing)	221.68 g
Customs tariff number	85043129
Country of origin	CN

PACT SPC-20-1A-D13 - Current transformer



1382378

<https://www.phoenixcontact.com/us/products/1382378>

Technical data

Product properties

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

Electrical properties

Test voltage	3 kV (EN 61869-1)
Rated insulation voltage	0.72 kV

Measuring coil

Length of signal cable	2 m
------------------------	-----

General

Converter type	Split-core current transformer
----------------	--------------------------------

Input data

Current transformer

Rated power	0.2 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 AC ... 20 A AC
Converter type	Split-core current transformer

Output data

Signal

Designation	Current output
Secondary rated current range I_{sn}	0 A AC ... 1 A AC
Surge current limitation factor	FS 5
Accuracy class	3

Connection data

Secondary connection

Connection method	Single wires
-------------------	--------------

Dimensions

Item dimensions

Width	73 mm
Height	35 mm
Depth	22 mm

PACT SPC-20-1A-D13 - Current transformer



1382378

<https://www.phoenixcontact.com/us/products/1382378>

Circular conductor

Diameter	13 mm (Inner hole)
----------	--------------------

Signal line

Length	2 m
Width	73 mm
Height	35 mm
Depth	22 mm
Primary round conductor (diameter)	13 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Housing material	PC

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 65 °C
Ambient temperature (storage/transport)	-45 °C ... 80 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	Use only indoors, non-condensing

Standards and regulations

Standards/regulations	IEC 61010-1
	IEC 61010-2-032
	IEC 61869-1
	IEC 61869-2

PACT SPC-20-1A-D13 - Current transformer



1382378

<https://www.phoenixcontact.com/us/products/1382378>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1382378>



cUL Recognized
Approval ID: FILE E 323953



UL Recognized
Approval ID: FILE E 323953

PACT SPC-20-1A-D13 - Current transformer



1382378

<https://www.phoenixcontact.com/us/products/1382378>

Classifications

ECLASS

ECLASS-13.0	27210902
ECLASS-15.0	27210902

ETIM

ETIM 9.0	EC002048
----------	----------

UNSPSC

UNSPSC 21.0	39121000
-------------	----------

PACT SPC-20-1A-D13 - Current transformer



1382378

<https://www.phoenixcontact.com/us/products/1382378>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com