

# PACT SPC-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



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: 100 A AC, secondary current: 0 ... 1 A AC,  
Accuracy class: 0.5, rated power: 0.2 VA, length of signal cable: 3 m



## Commercial data

Item number	1382387
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C444
Product key	CMMA12
GTIN	4063151753962
Weight per piece (including packing)	232.6 g
Weight per piece (excluding packing)	232.6 g
Customs tariff number	85043129
Country of origin	CN

# PACT SPC-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



## 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	3 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 ... 100 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 10
Accuracy class	0.5

### Connection data

#### Secondary connection

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

### Dimensions

#### Item dimensions

Width	73 mm
Height	35 mm
Depth	22 mm

# PACT SPC-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



## Circular conductor

Diameter	13 mm (Inner hole)
<hr/>	
Signal line	
Length	3 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-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1382387>



**cUL Recognized**

Approval ID: FILE E 323953



**UL Recognized**

Approval ID: FILE E 323953

# PACT SPC-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



## Classifications

### ECLASS

ECLASS-13.0	27210902
ECLASS-15.0	27210902

### ETIM

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

### UNSPSC

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

# PACT SPC-100-1A-D13 - Current transformer

1382387

<https://www.phoenixcontact.com/us/products/1382387>



## 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](mailto:info@phoenixcon.com)