

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



1382387

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

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Split-core current transformer, primary current: 0 ... 100 A AC, secondary current: 0 ... 1 A AC, 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	CK4A12
GTIN	4063151753962
Weight per piece (including packing)	255.65 g
Weight per piece (excluding packing)	247.65 g
Customs tariff number	85043180
Country of origin	CN

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Technical data

Product properties

Product type	Current transformer
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Electrical properties

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

Measuring coil

Length of signal cable	3 m
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General

Converter type	Split-core current transformer
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Input data

Current transformers

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 range	0 A AC ... 100 A AC (depends on type)
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
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Dimensions

Item dimensions

Width	73 mm
Height	35 mm
Depth	22 mm

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Circular conductor

Diameter	13 mm (Inner hole)
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Signal line

Length	3 m
Width	73 mm
Height	35 mm
Depth	22 mm
Primary round conductor (diameter)	13 mm

Material specifications

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

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Approvals

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cUL Recognized

Approval ID: FILE E 323953



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Classifications

ECLASS

ECLASS-11.0	27210902
ECLASS-13.0	27210902
ECLASS-12.0	27210902

ETIM

ETIM 9.0	EC002048
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UNSPSC

UNSPSC 21.0	39121000
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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