

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



1382378

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

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Split-core current transformer, primary current: 0 ... 20 A AC, secondary current: 0 ... 1 A AC, 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	CK4A12
GTIN	4063151755614
Weight per piece (including packing)	234.4 g
Weight per piece (excluding packing)	234.4 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	2 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 ... 20 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 5
Accuracy class	3

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	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

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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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