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

1382378

https://www.phoenixcontact.com/pc/products/1382378

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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
Product key	CK4A12
GTIN	4063151755614
Weight per piece (including packing)	240.4 g
Weight per piece (excluding packing)	234.4 g
Customs tariff number	85043129
Country of origin	CN

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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

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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

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Approvals

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

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

UNSPSC

UNSPSC 21.0	39121000

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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%

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