

Current transformer - PACT MCR-V1-21-44- 50-5A-1 - 2277019


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Bus-bar current transformer, 50 A AC primary current; 5 A AC secondary current; accuracy class 1; 1.25 VA rated power



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 305129
GTIN	4046356305129

Technical data

Dimensions

Width	30 mm
Height	66 mm
Depth	44 mm
Width with alternative assembly	44 mm
Height with alternative assembly	66 mm
Depth with alternative assembly	30 mm
Primary round conductor (diameter)	21 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 40 °C
Ambient temperature (storage/transport)	-25 °C ... 40 °C
Maximum altitude	≤ 1000 m
Permissible humidity (operation)	Use only indoors, non-condensing

General

Converter type	Tube rod converter
Can be calibrated	no
Housing material	PA 6.6

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Input data

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
Rated power	1.25 VA
Primary rated current I_{pn}	0 A ... 50 A

Output data

Secondary rated current I_{sn}	1 A AC
	5 A AC
Surge current limitation factor	FS 5
Accuracy class	1

Connection data

Connection method	Screw connection
Conductor cross section flexible	2x 2.5 mm ² ... 4 mm ² (Secondary terminals)

Standards and Regulations

Standards/regulations	EN 61869
Rated insulation voltage	1 kV (Phase/neutral conductor)

Conformance/approvals

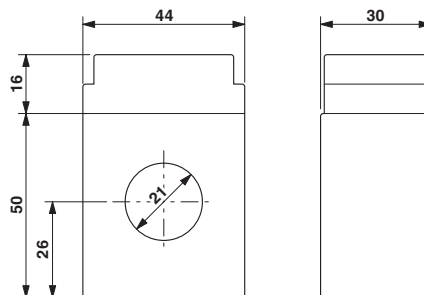
Designation	UL, USA / Canada
Identification	XODW8.E323953

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Drawings

Dimensional drawing



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Classifications

eCl@ss

eCl@ss 10.0.1	27210902
eCl@ss 11.0	27210902
eCl@ss 4.0	27210900
eCl@ss 4.1	27210900
eCl@ss 5.0	27210900
eCl@ss 5.1	27210900
eCl@ss 6.0	27210900
eCl@ss 7.0	27210902
eCl@ss 9.0	27210902

ETIM

ETIM 3.0	EC002048
ETIM 4.0	EC002048
ETIM 6.0	EC002048
ETIM 7.0	EC002048

UNSPSC

UNSPSC 6.01	30211501
UNSPSC 7.0901	39121019
UNSPSC 11	39121006
UNSPSC 12.01	39121006
UNSPSC 13.2	39121032
UNSPSC 18.0	39121032
UNSPSC 19.0	39121032
UNSPSC 20.0	39121032

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU*DE*08.B.01187/19
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