

Current transformer - PACT MCR-V2-10020-129-2500-5A - 2276395

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Window-type current transformer, 2500 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

Your advantages

- Primary rated current I_{pn}: 0 ... (400 ... 4000) A
- Circular conductor dimensions: Ø 85 mm

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356566261

Technical data

Dimensions

Width	30 mm
Width with alternative assembly	129 mm
Height	156 mm
Height with alternative assembly	156 mm
Depth	129 mm
Depth with alternative assembly	30 mm
Primary round conductor (diameter)	85 mm
Note on dimensions	2
Primary round conductor (width)	100 mm
Primary round conductor (height)	10 mm
Primary round conductor (width)	80 mm
Primary round conductor (height)	64 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 40 °C
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Ambient conditions

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

General

Converter type	Plug-on converters
Accuracy class	0.2 (depends on type)
	0.5 (depends on type)
	1 (depends on type)
	0.2S (depends on type)
	0.5S (depends on type)
Can be calibrated	no
Color	black
Housing material	PA 6.6

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: Standard converter	50 Hz ... 60 Hz
Rated frequency: Calibrated converter	50 Hz
Surge current limitation factor	FS 5
Rated power	15 VA
Primary rated current I_{pn}	0 A ... 2500 A
Secondary rated current I_{sn}	5 A AC

Connection data

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

Standards and Regulations

Standards/regulations	EN 50178
	EN 61869
Rated insulation voltage	1 kV (Phase/neutral conductor)
Conformance	CE-compliant
UL, USA/Canada	XODW8.E323953

Conformance/approvals

Designation	CE
Identification	CE-compliant
Designation	UL, USA/Canada
Identification	XODW8.E323953

Environmental Product Compliance

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Technical data

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	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 8.0	27210902
eCl@ss 9.0	27210902

ETIM

ETIM 3.0	EC002048
ETIM 4.0	EC002048
ETIM 5.0	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
UNSPSC 21.0	39121032

Approvals

Approvals

Approvals

EAC

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Approvals

Ex Approvals

Approval details

EAC



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