

Current transformer - PACT MCR-V2-8015-105- 500-5A-1 - 2276269

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Window-type current transformer, 500 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

Your advantages

- ✓ Primary rated current I_{pn}: 0 ... (400 ... 2500) A
- ✓ Circular conductor dimensions: Ø 61 mm

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356502696

Technical data

Dimensions

Width	30 mm
Width with alternative assembly	105 mm
Height	132 mm
Height with alternative assembly	132 mm
Depth	105 mm
Depth with alternative assembly	30 mm
Primary round conductor (diameter)	61 mm
Primary round conductor (width)	80 mm
Primary round conductor (height)	15 mm
Note on dimensions	2
Primary round conductor (width)	60 mm
Primary round conductor (height)	10 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 40 °C
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Technical data

Ambient conditions

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

General

Converter type	Plug-on converters
Accuracy class	1
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
Surge current limitation factor	FS 5
Rated power	10 VA
Primary rated current I_{pn}	0 A ... 500 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 ()

Standards and Regulations

Standards/regulations	EN 50178
	EN 61869
Rated insulation voltage	1 kV (Phase/neutral conductor)

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

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Classifications

eCl@ss

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 19.0	39121032

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