

Current transformer - PACT MCR-V2-4012- 70- 600-5A-1 - 2277132


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Window-type current transformer, 600 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 305310
GTIN	4046356305310
Weight per Piece (excluding packing)	380.000 g
Custom tariff number	85043129
Country of origin	Germany

Technical data

Dimensions

Primary round conductor (diameter)	33 mm
Primary round conductor (width)	40 mm
Primary round conductor (height)	12 mm
Note on dimensions	2
Primary round conductor (width)	30 mm
Primary round conductor (height)	10 mm
Width	30 mm
Height	90 mm
Depth	70 mm
Width with alternative assembly	70 mm
Height with alternative assembly	90 mm

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Technical data

Dimensions

Depth with alternative assembly	30 mm
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 40 °C
Ambient temperature (storage/transport)	-25 °C ... 40 °C

Input data

Number of inputs	1
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	10 VA
Primary rated current I_{pn}	0 A ... 600 A
Secondary rated current I_{sn}	5 A AC

Output data

Connection method	Screw connection
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General

Converter type	Plug-on converters
Accuracy class	1
Can be calibrated	no
Rated insulation voltage	1 kV (Phase/neutral conductor)
Standards/regulations	EN 50178
	EN 61869
Color	black
Housing material	PA 6.6

Standards and Regulations

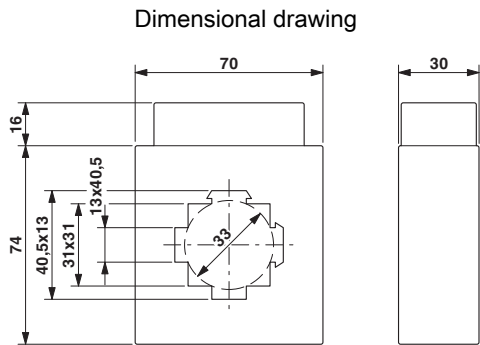
Standards/regulations	EN 50178
	EN 61869

Environmental Product Compliance

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

Drawings

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Classifications

eCl@ss

eCl@ss 4.0	27210902
eCl@ss 4.1	27210902
eCl@ss 5.0	27210902
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

UNSPSC

UNSPSC 6.01	30211501
UNSPSC 7.0901	39121019
UNSPSC 11	39121006
UNSPSC 12.01	39121006
UNSPSC 13.2	39121032

Approvals

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EAC

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Approvals

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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Accessories

Accessories

Mounting material

Mounting material - PACT-FAST-MNT-W13-L65 - 2276625



The transformer quick-action mechanism enables the lightning-fast mounting of PACT current transformers on the power rail. The installation can be completed easily by hand without the use of tools. Fixing pins: 65 mm, holding latches: 13 mm

Mounting material - PACT-FAST-MNT-W13-L40 - 2276612



The transformer quick-action mechanism enables the lightning-fast mounting of PACT current transformers on the power rail. The installation can be completed easily by hand without the use of tools. Fixing pins: 40 mm, holding latches: 13 mm