

Current transformer - PACT MCR-V2-6040- 96-1600-5A-1 - 2276230

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Window-type current transformer, 1,600 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

Your advantages

- ✓ Primary rated current I_{pn}: 0 ... (200 ... 2000) A
- ✓ Rail dimensions: 60 x 40 mm; 50 x 50 mm

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 502894
GTIN	4046356502894

Technical data

Dimensions

Width	30 mm
Width with alternative assembly	96 mm
Height	121 mm
Height with alternative assembly	121 mm
Depth	96 mm
Depth with alternative assembly	30 mm
Primary round conductor (diameter)	61 mm
Primary round conductor (width)	60 mm
Primary round conductor (height)	40 mm
Primary round conductor (width)	50 mm
Primary round conductor (height)	50 mm

Ambient conditions

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

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Technical data

Ambient conditions

Permissible humidity (operation)	Use only indoors, non-condensing
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General

Converter type	Plug-on converters
Accuracy class	1
Can be calibrated	no
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	15 VA
Primary rated current I_{pn}	0 A ... 1600 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)

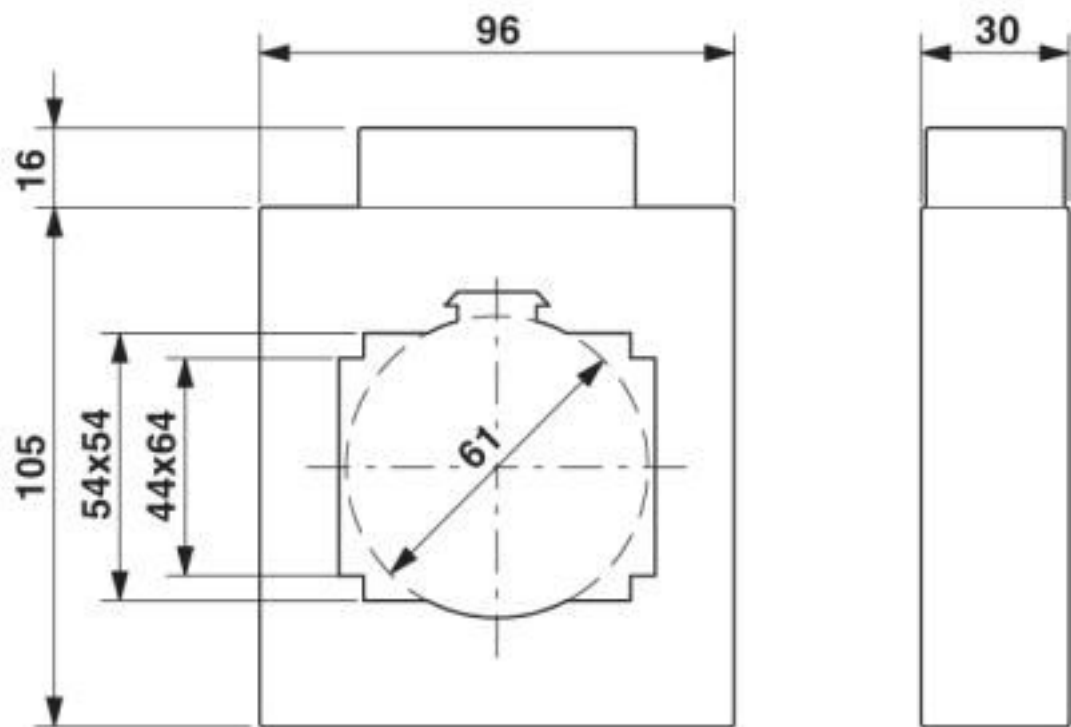
Environmental Product Compliance

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

Drawings

Current transformer - PACT MCR-V2-6040- 96-1600-5A-1 - 2276230

Dimensional drawing



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

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Classifications

UNSPSC

UNSPSC 11	39121006
UNSPSC 12.01	39121006
UNSPSC 13.2	39121032
UNSPSC 19.0	39121032

Approvals

Approvals

Approvals

EAC

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-W16-L65 - 2276641



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: 16 mm

Mounting material - PACT-FAST-MNT-W16-L40 - 2276638



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: 16 mm

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