

Current transformer - PACT MCR-V1-21-44-300-5A-1 - 2277789


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Bus-bar current transformer, 300 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 502122
GTIN	4046356502122
Weight per Piece (excluding packing)	220.000 g
Custom tariff number	85043129
Country of origin	Germany

Technical data

Dimensions

Width	30 mm
Width with alternative assembly	44 mm
Height	66 mm
Height with alternative assembly	66 mm
Depth	44 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

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Technical data

Ambient conditions

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

Converter type	Tube rod converter
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
Rated frequency: Calibrated converter	50 Hz
Surge current limitation factor	FS 5
Rated power	10 VA
Primary rated current I_{pn}	0 A ... 300 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)
UL, USA/Canada	XODW8.E323953

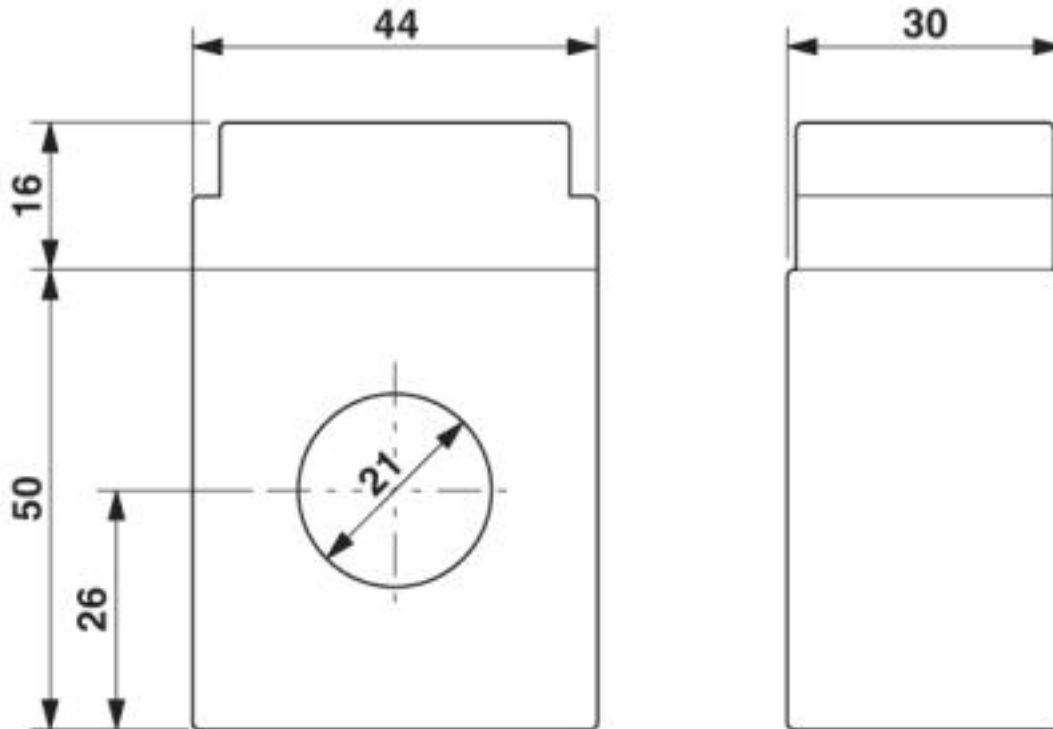
Environmental Product Compliance

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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Dimensional drawing



Classifications

eCl@ss

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

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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