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Current transformer - PACT MCR-V2-3015- 60- 80-5A-1

2277831

https://www.phoenixcontact.com/gb/products/2277831

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Window-type current transformer, 80 A AC primary current; 5 A AC secondary current; accuracy class 1; 1.25 VA rated power

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Commercial Data

Item number	2277831
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	CK4A11
Product Key	CK4A11
Catalog Page	Page 212 (C-5-2019)
GTIN	4046356502191
Weight per Piece (including packing)	306.8 g
Weight per Piece (excluding packing)	200 g
Customs tariff number	85043129
Country of origin	DE

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Technical Data

Product properties

Product type	Current transformer

Electrical properties

Rated insulation voltage	1 kV (Phase/neutral conductor)

General

Can be calibrated	no
Converter type	Plug-on converters

Input data

Current transformers

Rated power	1.25 VA
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}
Primary rated current I_{pn}	0 A AC ... 80 A AC
Primary rated current range	1 A AC ... 4000 A AC (depends on type)
Can be calibrated	no
Converter type	Plug-on converters

Output data

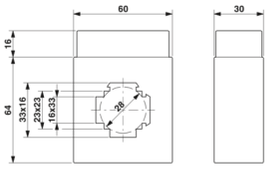
Signal

Designation	Current output
Secondary rated current I_{sn}	5 A AC
Surge current limitation factor	FS 5
Accuracy class	1

Connection data

Connection method	Screw connection
Conductor cross section flexible	2x 2.5 mm² ... 4 mm² (Secondary terminals)

Dimensions

Dimensional drawing	
Width	30 mm
Height	80 mm
Depth	60 mm

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Primary round conductor (diameter)	28 mm

Alternative assembly

Width	60 mm
Height	80 mm
Depth	30 mm

Material specifications

Housing material	PA 6.6

Environmental and real-life conditions

Ambient conditions

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

Approval data

UL, USA / Canada

Identification	XODW8.E323953

Standards and regulations

Standards/regulations	EN 61869

Mounting

Mounting type	DIN rail mounting

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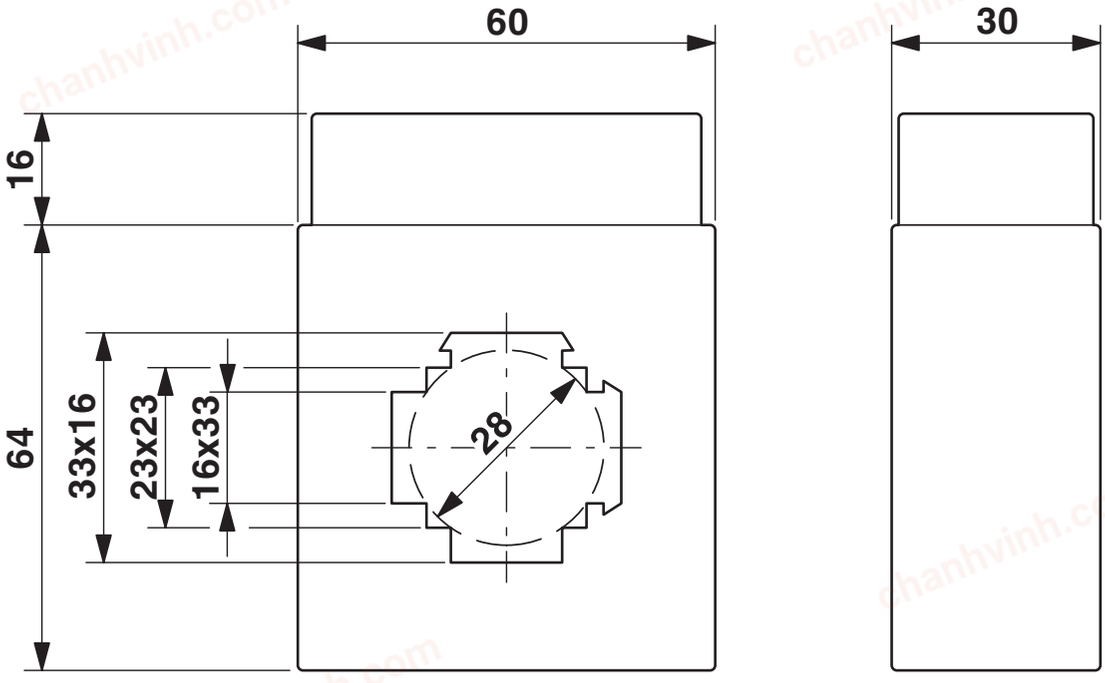
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Drawings

Dimensional drawing



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Approvals

EAC
Approval ID: RU*DE*08.B.01187/19

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Classifications

ECLASS

ECLASS-9.0	27210902
ECLASS-10.0.1	27210902
ECLASS-11.0	27210902

ETIM

ETIM 8.0	EC002048

UNSPSC

UNSPSC 21.0	39121000

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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer’s declaration available under “Downloads”

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Accessories

Mounting material

Mounting material - PACT-FAST-MNT-W16-L65 - 2276641

https://www.phoenixcontact.com/gb/products/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

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

https://www.phoenixcontact.com/gb/products/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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Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk