

2277967

https://www.phoenixcontact.com/us/products/2277967

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Window-type current transformer, 1250 A AC primary current; 5 A AC secondary current; accuracy class 1; 15 VA rated power

Commercial data

Item number	2277967
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C444
Product key	CK4A11
Catalog page	Page 215 (C-5-2019)
GTIN	4046356502337
Weight per piece (including packing)	357.7 g
Weight per piece (excluding packing)	250 g
Customs tariff number	85043129
Country of origin	DE



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Technical data

Product properties

	Draduat tuna	Current transformer
	Product type	Current transformer
Εle	ectrical properties	
	Rated insulation voltage	1 kV (Phase/neutral conductor)
(General	
	Can be calibrated	no
	Converter type	Window-type current transformer
	Convenier type	williaow-type current transformer

Input data

Current transformers

Rated power	15 VA
Thermal rated short-time current	$I_{th} = 60 * I_n$
Thermal rated continuous current	$I_{d} = 1.2 * I_{n}$
Rated surge current	$I_{dyn} = 2.5 * I_{th}$
Rated frequency f _n	50 Hz
	60 Hz
Primary rated current I _{pn}	0 A AC 1250 A AC
Primary rated current range	1 A AC 4000 A AC (depends on type)
Can be calibrated	no
Converter type	Window-type current transformer

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 mm ² 4 mm ² (Secondary terminals)

Dimensions

Item dimensions

Width	30 mm
Height	108 mm
Depth	85 mm

Item dimensions with alternative mounting



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Width	85 mm
Height	108 mm
Depth	30 mm
Copper rail	
Width	60 mm
Height	15 mm
Copper rail 2	
Width	50 mm
Height	10 mm
rogn	10 11111
Copper rail 3	
Width	40 mm
Height	40 mm
Circular conductor	
Diameter	52 mm
aterial specifications	New J. (DAL 0005)
Color	black (RAL 9005)
Housing material	PA 6.6
nvironmental and real-life conditions	
Ambient conditions	25 %0 40 %0
Ambient temperature (operation)	-25 °C 40 °C
Ambient temperature (storage/transport) Altitude	-25 °C 40 °C ≤ 1000 m
Permissible humidity (operation)	
Permissible numidity (operation)	Use only indoors, non-condensing
pprovals	
UL, USA/Canada	
Identification	XODW8.E323953
andards and regulations	
Standards/regulations	EN 61869
ounting	
-	
Mounting type	DIN rail mounting
3 3 7	Birrai mounting

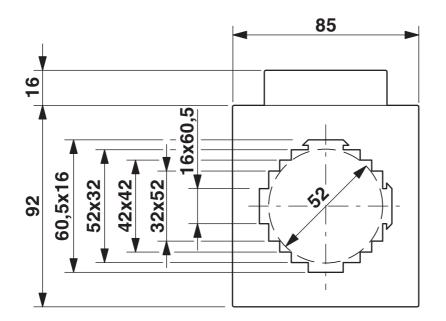


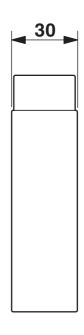
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Drawings

Dimensional drawing







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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2277967



EAC

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



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Classifications

ECLASS

	ECLASS-11.0	27210902
	ECLASS-13.0	27210902
	ECLASS-12.0	27210902
ETIM		
	ETIM 9.0	EC002048
UN	NSPSC	
	UNSPSC 21.0	39121000



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Environmental product compliance

Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



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Accessories

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

2276641

https://www.phoenixcontact.com/us/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

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

2276638

https://www.phoenixcontact.com/us/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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PACT MCR-RA - DIN rail adapter

2277598

https://www.phoenixcontact.com/us/products/2277598

Adapter for mounting on DIN rails.



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