

Current transformer - PACT MCR-V2-5012- 85- 600-5A-1 - 2277174

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356304610

Technical data

Dimensions

Width	30 mm
Width with alternative assembly	85 mm
Height	108 mm
Height with alternative assembly	108 mm
Depth	85 mm
Depth with alternative assembly	30 mm
Primary round conductor (diameter)	42 mm
Primary round conductor (width)	50 mm
Primary round conductor (height)	12 mm
Note on dimensions	2
Primary round conductor (width)	40 mm
Primary round conductor (height)	10 mm

Ambient conditions

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

Current transformer - PACT MCR-V2-5012- 85- 600-5A-1 - 2277174

Technical data

General

Converter type	Plug-on converters
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
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

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

Conformance/approvals

Designation	UL, USA/Canada
Identification	XODW8.E323953

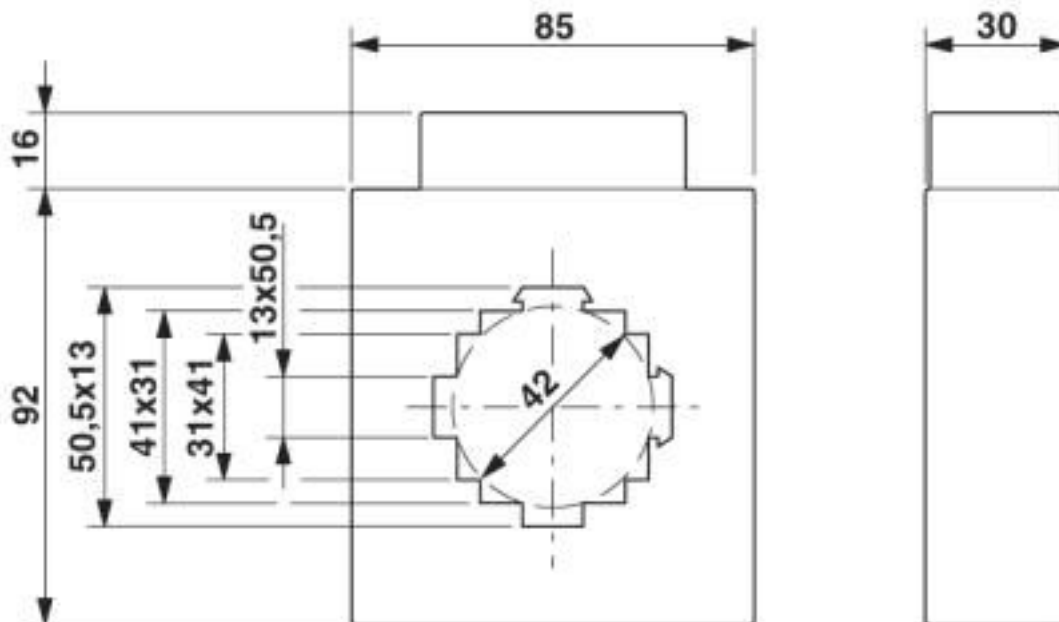
Environmental Product Compliance

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-V2-5012- 85- 600-5A-1 - 2277174

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
UNSPSC 11	39121006
UNSPSC 12.01	39121006

Current transformer - PACT MCR-V2-5012- 85- 600-5A-1 - 2277174

Classifications

UNSPSC

UNSPSC 13.2	39121032
UNSPSC 18.0	39121032
UNSPSC 19.0	39121032
UNSPSC 20.0	39121032
UNSPSC 21.0	39121032

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU*DE*08.B.01187/19
-----	--	---------------------

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

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2277174](#)