chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

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 documentation. Our general terms of use for downloads are valid.



Window-type current transformer, 750 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

Commercial data

Item number	2277695
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CK4A11
Product key	CK4A11
Catalog page	Page 213 (C-5-2019)
GTIN	4046356460187
Weight per piece (including packing)	265.8 g
Weight per piece (excluding packing)	260 g
Customs tariff number	85043129
Country of origin	DE

chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

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	Window-type current transformer

Input data

Current transformer

Rated power	10 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 ... 750 A AC
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 10 mm² (Secondary terminals)
Tightening torque	2 Nm

Dimensions

Item dimensions

Width	31 mm
Height	92 mm
Depth	70 mm

Item dimensions with alternative mounting

chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Width	70 mm
Height	92 mm
Depth	31 mm

Copper rail

Width	40 mm
Height	12 mm

Copper rail 2

Width	30 mm
Height	10 mm

Circular conductor

Diameter	33 mm

Material specifications

Color	gray (RAL 7042)
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

Approvals

CE

Certificate	CE-compliant

UKCA

Certificate	UKCA-compliant

UL, USA/Canada

Identification	XODW8.E323953

Standards and regulations

Standards/regulations	EN 61869

Mounting

Mounting type	DIN rail mounting
	Wall mounting

chanhvinh.com

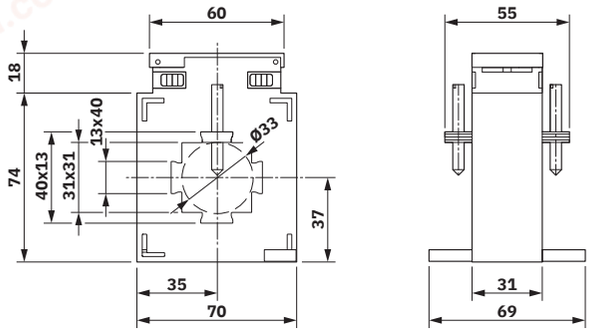
PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Drawings

Dimensional drawing



chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2277695

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

cULus Recognized
Approval ID: E323953

chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Classifications

ECLASS

ECLASS-11.0	27210902
ECLASS-12.0	27210902
ECLASS-13.0	27210902

ETIM

ETIM 9.0	EC002048

UNSPSC

UNSPSC 21.0	39121000

chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

chanhvinh.com

PACT MCR-V2-4012- 70- 750-5A-1 - Current transformer

2277695

https://www.phoenixcontact.com/gb/products/2277695

Accessories

PACT MCR-RA - DIN rail adapter

2277598

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

Adapter for mounting on DIN rails.



Phoenix Contact 2024 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk