

## INDUSTRIAL COMPONENT DATA

# PACT MCR-V2-4012- 70- 800-5A-1 2277145 PHOENIX CONTACT Current transformer

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT MCR-V2-4012-70-800-5A-1



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | PACT MCR-V2-4012-70-800-5A-1 |
| Catalog number  | 2277145                      |
| Category        | Current transformer          |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-52D3629F81                |
| Generated       | 2026-08-04                   |

## Product Overview

Current transformer

Transformer through bar current, primary current 800 A AC; secondary current 5 A AC; accuracy class 1; Sizing power 10 VA

Window-type current transformer, 800 A AC primary current; 5 A AC secondary current; accuracy class 1; 10 VA rated power

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; INTERFACE Components (IF)

## Additional Product Information

Technical dataProduct propertiesProduct type Current transformer

Data management status

Article revision 07

Electrical propertiesRated insulation voltage 1 kV (Phase/neutral conductor)

General

Can be calibrated no

Converter type Window-type current transformer

Input dataCurrent transformer

Rated power 10 VA

Thermal rated short-time current  $I_{th} = 60 \cdot I_n$

Thermal rated continuous current  $I_d = 1.2 \cdot I_n$

Rated surge current  $I_{dyn} = 2.5 \cdot I_{th}$   
Rated frequency  $f_n$  50 Hz  
60 Hz  
Primary rated current  $I_{pn}$  0 A AC ... 800 A AC  
Can be calibrated no  
Converter type Window-type current transformer  
Output dataSignal  
Designation Current output  
Secondary rated current  $I_{sn}$  5 A AC  
Surge current limitation factor FS 5  
Accuracy class 1  
Connection dataConnection method Screw connection  
Conductor cross section flexible 2x 10 mm<sup>2</sup> (Secondary terminals)  
Tightening torque 2 Nm  
DimensionsItem dimensions  
Width 31 mm  
Height 92 mm  
Depth 70 mm  
Item dimensions with alternative mounting  
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 specificationsColor gray (RAL 7042)  
Housing material PA 6.6  
Environmental and real-life conditionsAmbient 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  
Insulating material class H  
ApprovalsCE  
Certificate CE-compliant  
UKCA  
Certifi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT MCR-V2-4012-70-800-5A-1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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