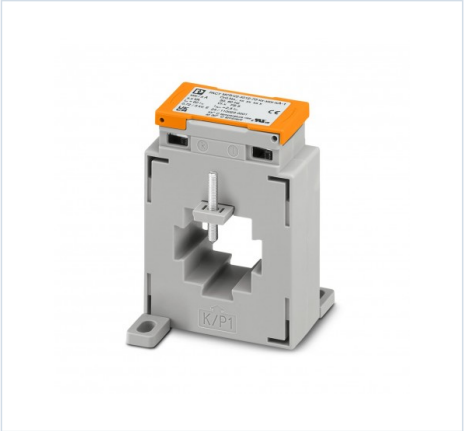
INDUSTRIAL COMPONENT DATA

PACT MCR-V2-4012- 70- 250-5A-1 2277116 PHOENIX CONTACT Current transformer

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT MCR-V2-4012-70-250-5A-1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT MCR-V2-4012-70-250-5A-1
Catalog number	2277116
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-450420DEC5
Generated	2026-11-18

Product Overview

Current transformer
Transformer through bar current, primary current 250 A AC; secondary current 5 A AC; accuracy class 1; Sizing power 5 VA
Window-type current transformer, 250 A AC primary current; 5 A AC secondary current; accuracy class 1; 5 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 > 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 5 VA
Thermal rated short-time current Ith= 60 * In
Thermal rated continuous current Id= 1.2 * In
Rated surge current Idyn= 2.5 * Ith
Rated frequency fn 50 Hz

60 Hz
Primary rated current Ipn 0 A AC ... 250 A AC
Can be calibrated no
Converter type Window-type current transformer
Output dataSignal
Designation Current output
Secondary rated current Isn 5 A AC
Surge current limitation factor FS 5
Accuracy class 1
Connection dataConnection method Screw connection
Conductor cross section flexible 2x 10 mm² (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
Certific...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT MCR-V2-4012-70-250-5A-1 with the required quantity to info@electricaonline.com or use 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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