

INDUSTRIAL COMPONENT DATA

PACT MCR-V1-21-44-100-5A-1 2277022 PHOENIX CONTACT

Current transformer

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT MCR-V1-21-44-100-5A-1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT MCR-V1-21-44-100-5A-1
Catalog number	2277022
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-8027375E86
Generated	2026-08-02

Product Overview

Current transformer

Built-in tube current converter, primary current 100 A AC; secondary current 5 A AC; accuracy class 1; Sizing power 2.5 VA

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

Key Commercial Data

Orderkey 2277022

Packing unit 1 pc

Catalog page Page 223 (C-5-2017)

GTIN 4046356305143

Weight per Piece (excluding packing) 188.300 g

Custom tariff number 85043129

Country of origin DE (Germany)

Dimensions

Primary round conductor (diameter) 21 mm

Width 30 mm

Height 66 mm

Depth 44 mm

Width with alternative assembly 44 mm

Height with alternative assembly 66 mm

Depth with alternative assembly 30 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 40 °C

Ambient temperature (storage/transport) -25 °C ... 40 °C

Maximum altitude ≤ 1000 m

Input data

Number of inputs 1

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: Standard converter 50 Hz ... 60 Hz

Rated frequency: Calibrated converter 50 Hz

Surge current limitation factor FS 5

Rated power 2.5 VA

Primary rated current I_{pn} 0 A ... 100 A

Secondary rated current I_{sn} 5 A AC

Output data

Connection method Screw connection

General

Converter type Tube rod converter

Accuracy class 1

Can be calibrated no

Rated insulation voltage 1 kV (Phase/neutral conductor)

Standards/regulations EN 50178

EN 61869

Color black

Housing material PA 6.6

UL, USA/Canada XODW8.E323953

Standards and Regulations

Standards/regulations EN 50178

EN 61869

UL, USA/Canada XODW8.E323953

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manu..."

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT MCR-V1-21-44-100-5A-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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