INDUSTRIAL COMPONENT DATA

PACT MCR-V1-21-44-250-5A-1 2277048 PHOENIX CONTACT Current transformer

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT MCR-V1-21-44-250-5A-1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT MCR-V1-21-44-250-5A-1
Catalog number	2277048
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-C7819D8DC6
Generated	2026-11-19

Product Overview

Current transformer
Built-in tube current converter, primary current 250 A AC; secondary current 5 A AC; precision class 1; sizing power 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 2277048
Packing unit 1 pc
Catalog page Page 223 (C-5-2017)
GTIN 4046356305105
Weight per Piece (excluding packing) 198.600 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 Ith= 60 * In
Thermal rated continuous current Id= 1.2 * In
Rated surge current Idyn= 2.5 * Ith
Rated frequency: Standard converter 50 Hz ... 60 Hz
Rated frequency: Calibrated converter 50 Hz
Surge current limitation factor FS 5
Rated power 5 VA
Primary rated current Ipn 0 A ... 250 A
Secondary rated current Isn 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 “Manufa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT MCR-V1-21-44-250-5A-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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