INDUSTRIAL COMPONENT DATA

PACT RCP-D140 2904891 PHOENIX CONTACT 450 mm long Rogowski coil. The measuring coil diameter when installed ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT RCP-D140



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT RCP-D140
Catalog number	2904891
Category	Accessories/spare parts for low-voltage switch technology
Minimum order	1 Pcs
Document ID	EO-E4DA7B0998
Generated	2026-11-19

Product Overview

450 mm long Rogowski coil. The measuring coil diameter when installed is 140 mm. The Rogowski coil is used for AC current measurement for busbars and power lines.
Rogowski coil with a length of 450 mm. The diameter of the measuring coil in installed state is 140 mm. The Rogowski coil is used for the measurement of AC current from busbars and high-voltage lines.

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 2904891
Packing unit 1 pc
Catalog page Page 219 (C-5-2019)
GTIN 4046356898188
Weight per Piece (excluding packing) 180.000 g
Custom tariff number 90309000
Country of origin IT (Italy)
Measuring coil input data
General data, measuring coil
Ambient conditions
Environmental Product Compliance

Measuring coil signal output
General data
Standards and Regulations
Classifications
Measuring coil input data
Frequency measuring range 40 Hz ... 20000 Hz
Position error < 1 %
Linearity error 0.1 %
Back to topMeasuring coil signal output
Output signal (at 50 Hz) 100 mV (no load, at 1,000 A)
Output voltage (in no-load operation) VOUT= M * dI/dt
Output voltage (sinusoidal, in no-load operation) 100 mV (VOUT= 2 * ? * M * f * I (M = 0.318 uH; example: At 50 Hz; I = 1,000 A))
Back to topGeneral data, measuring coil
Length of measuring coil 450 mm
Diameter of measuring coil 8.3 mm ±0.2 mm
Length of signal cable 3000 mm
Conductor structure signal line 2x 0.22 mm (Signal (tinned))
1x 0.22 mm (Shielding (tinned))
Coil material Elastollan
Housing material PC
Insulation double insulation
Rated insulation voltage 1000 V AC (rms CAT III)
600 V AC (rms CAT IV)
Test voltage 10.45 kV (DC / 1 min.)
Basic accuracy
UL, USA/Canada UL 61010 Recognized
Back to topGeneral data
Standards/regulations IEC 61010-1
IEC 61010-2-032
Back to topAmbient conditions
Ambient temperature (operation) -30 °C ... 80 °C (Measuring coil)
Ambient temperature (storage/transport) -40 °C ... 80 °C (Measur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT RCP-D140 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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