INDUSTRIAL COMPONENT DATA

PACT RCP-D190 2904892 PHOENIX CONTACT Coil

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT RCP-D190



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT RCP-D190
Catalog number	2904892
Category	Accessories/spare parts for low-voltage switch technology
Minimum order	1 Pcs
Document ID	EO-585A69B44A
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Product Overview

Coil
Rogowski coil with a length of 600 mm. The diameter of the measuring coil in installed state is 190 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 2904892
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356898195
Weight per Piece (excluding packing) 181.500 g
Custom tariff number 90309000
Country of origin IT (Italy)
Measuring coil input data
Frequency measuring range 40 Hz ... 20000 Hz
Position error < 1 %
Linearity error 0.1 %
Measuring 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))
General data, measuring coil
Length of measuring coil 600 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
General data
Standards/regulations IEC 61010-1
IEC 61010-2-032
Standards and Regulations
Standards/regulations IEC 61010-1
IEC 61010-2-032
UL, USA/Canada UL 61010 Recognized
Ambient conditions
Ambient temperature (operation) -30 °C ... 80 °C (Measuring coil)
Ambient temperature (storage/transport) -40 °C ... 80 °C (Measuring coil)
Maximum altitude < 2000 m
Measuring coil degree of protection IP67 (not assessed by UL)
Environmental Product C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT RCP-D190 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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