

INDUSTRIAL COMPONENT DATA

PACT RCP-4000A-UIRO-PT-D140 2906235 PHOENIX CONTACT

Current transformer

Brand: PHOENIX CONTACT | Manufacturer Part Number: PACT RCP-4000A-UIRO-PT-D140



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT RCP-4000A-UIRO-PT-D140
Catalog number	2906235
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-DED087C1B2
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Product Overview

Current transformer

The set consists of a 4-way separation amplifier with push-in connection technology and a Rogowski coil with a length of 450 mm and a diameter of 140 mm for AC current measurement on busbars and high-voltage lines. On the output side, the separation amplifier outputs 8 different standard signals and has a switching output.

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)
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Additional Product Information

Key Commercial Data

Orderkey 2906235

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626048338

Weight per Piece (excluding packing) 398.700 g

Custom tariff number 85437090

Country of origin DE (Germany)

Measuring transducer supply

Nominal supply voltage 24 V DC

Nominal supply voltage range 9.6 V DC ... 30 V DC

Power consumption ≤ 1 W (at IO_{UT}= 20 mA, 9.6 V DC, 600 Ω load)

Measuring coil input data

Frequency measuring range 40 Hz ... 20000 Hz

Position error < 1 %

Linearity error 0.1 %

Measuring transducer input data

Measuring ranges (current) 100 A 250 A 400 A 630 A 1000 A 1500 A 2000 A 4000 A

Configurable/programmable Via DIP switches

Measuring transducer signal input

Input signal (at 50 Hz) 100 mV (1000 A)

Input impedance > 100 k Ω

Measuring coil signal output

Output signal (at 50 Hz) 100 mV (no load, at 1,000 A)

Output voltage (in no-load operation) $V_{OUT} = M \cdot dI/dt$

Output voltage (sinusoidal, in no-load operation) 100 mV ($V_{OUT} = 2 \cdot \pi \cdot M \cdot f \cdot I$ ($M = 0.318$ μ H; example: At 50 Hz; $I = 1,000$ A))

Measuring transducer signal output

Current output signal 0 mA ... 20 mA (via DIP switch)

4 mA ... 20 mA (via DIP switch)

0 mA ... 10 mA (via DIP switch)

2 mA ... 10 mA (via DIP switch)

0 mA ... 21 mA (can be set via software)

Voltage output signal 0 V ... 10 V (via DIP switch)

2 V ... 10 V (via DIP switch)

0 V ... 5 V (via DIP switch)

1 V ... 5 V (via DIP switch)

0 V ... 10.5 V (can be set via software)

Load/output load current output ≤ 6 ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PACT RCP-4000A-UIRO-PT-D140 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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