INDUSTRIAL COMPONENT DATA

PACT RCP-4000A-UIRO-D140 2906232 PHOENIX CONTACT Current transformer

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PACT RCP-4000A-UIRO-D140
Catalog number	2906232
Category	Current transformer
Minimum order	1 Pcs
Document ID	EO-3ACF932B82
Generated	2026-11-19

Product Overview

Current transformer
The set consists of a 4-way separation amplifier with screw 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)

Additional Product Information

Key Commercial Data
Orderkey 2906232
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 237 (C-5-2017)
GTIN 4055626048291
Weight per Piece (excluding packing) 448.000 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 IOUT= 20 mA, 9.6 V DC, 600 ? 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?
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))
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-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.