

100A Three Phase Direct Connect Energy Meter

NHP

Conto D6 three phase energy meter

AUTOMATION AND SPECIALISTS SOLUTIONS



- Ideal sub meter for installation within switchboards and panelboards for circuits up to 100A
- Quick and easy installation via DIN rail mount and easy to access terminals
- Intuitive user interface makes configuration and navigation very easy
- No need for external current transformers





CE6DT1256

Three phase 100A Direct Connect Energy Meter

The Conto D6 energy meter is a 3-phase, 4-wire direct connect meter for current measurements up to 100A.

Featuring pulse output and RS485 communication (MODBUS RTU), the Conto D6 can measure total and partial energy, both active and reactive.

As well as this, the Conto D6 has two tariff management inputs, and can also measure voltage, frequency, and power factor.

Catalogue No.	Description
CE6DT1256	ENERGY METER CONTOD6 DIRECT 3PH 400V 100A WITH RS485 MODBUS RTU

Features

- 100A three phase direct connect
- High accuracy: Class 1 (kWh) – IEC 62053-21
- Programmable pulse output
- Sealable terminals
- DIN rail mounting
- Remote monitoring via onboard communication : RS485 MODBUS RTU

Attributes	CE6DT1256
Display Type	LCD – 8 digit
Accuracy	Class 1 (kWh) IEC 62053-21 Class 2 (kvarh) IEC 62053-23
Voltage inputs	230 (400)V – 240 (415)V
Current inputs	Up to 100A
Measurement variables	Total active and reactive energy, partial active and reactive energy, active power demand, hour meter, voltage, current, powers, phase currents, phase voltages, active power, reactive power, apparent power, frequency, power factor
Inputs	Input available for tariff selection
Outputs	1x programmable pulse output RS485 MODBUS RTU
Auxiliary supply	Self-supplied
Protection degree	IP54 front frame; IP20 terminals
Max power dissipation	≤ 10W
Connections	Screw terminals
Housing (H x W x D) (mm)	100 x 107.2 x 65.6
Weight	0.5 kg



NHP Electrical Engineering Products

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