



CU-U-I.K2.P-D/24V

Rearside:
Option Interface
Sub-D Plug
RS232 / RS485

Plug- screw-
Terminals
2x 8pin, A/B1-8



Terminal

Display 3x 16 character
Voltage ...,V / current ..., A
Contact states: - OFF / * ON
Instantaneous power, W
Total power, KW/h

Connector at the rear:
Pug- screw terminal
2x 8 pin, max. 2,5 qmm
A1-A2: Power supply
A4: Com. contact, OUT 1-2
A5: OUT 1, N.O. contact
A6: OUT 2, N.O. contact
B1: +, IN 1 (voltage measuring)
B2: -, IN 1 "
B3: +, IN2 (current measuring)
B4: -, IN 2 "
B5-6: IN 3, externally N.O. contact
Reset Total Power = 0,00 KW/h
B7: +OUT3, 0-10V instantaneous p.
B8: -OUT3, " "
B2, B4, and B8 are internal
connected together (GND).

Technical Data

Input 1, pin B1-2	0-100V DC, voltage measuring
Input resistance	1 M Ohm
Input 2, pin B3-4	0-60mV DC, current measuring
Input resistance	100 k Ohm, (shunt measuring)
Output 1-2, pin A4-6	N.O. contact, (for input voltage)
Contact	max. 250V AC, max. 5A
Output 3, pin B7-8	0-10V DC, Power 0-6kW
Display, LCD weiß	3x 16 character
	back ground light
Precision 1-2	10 Bit
Interface	RS232 and RS485
	isolated
Power supply, pin A1-2	18-60V AC/DC (100V DC)ca.1,5W
(order power supply)	230V AC
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	Panel front built-in device
Weight	180g
Dimensions	72 x 72 x 110 mm (WxHxD)
Panel cut-out	68 x 68 mm (+1mm)

Wattmeter CU-U-I.K2.P-D for DC extra low voltage, example: battery application, wind-energy generator, solar application.

The Display shows the actually values: voltage, current, instantaneous A power, total power and contact states.

The ON OFF switching points for the voltage control limiters can selected with the pushbutton ▼▲, controlled and set with the button ●.

Example: pre-warning alarm. undervoltage, overvoltage. At output 3 there is 0-10V standard signal correspondent to instantaneous power.

RS232 and RS485 interface, cyclic data output of the measuring values, see sheet C830, C831 and AN C822.

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WATTMETER FOR DC POWER CU-U-I.K2.P-D/24V

Input 1	0-100V DC
Input 2	0-60mV DC (shunt 0-60A → 0-60mV)
Output 1-2	2x N.O. contact, limiter for voltage input
Output 3	0-10V DC (correspondent to 0-6 kW instantaneous power)
Power supply	18 – 60 V AC/DC
Interface	RS232 and RS485, isolated to the other signals (see C830)

C 822

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23.03.15