

Display user guide for Kamstrup OMNIPOWER CT electricity meter

Intermediate 1 – Display configuration 700

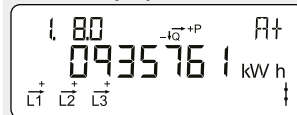
OBIS code
Identification number.

Phase indication
L1 flashes when there is voltage on the phase.
The arrow indicates the present current direction.

Optical infrared eye
For reading and programming data.

SO diode
Flashes 10,000 times per kWh.
The display changes via the button – the change takes place upon button release.
Approx. 2 minutes after the last button press, the display changes automatically to the view 1.8.0 – accumulated electricity consumption in kWh.

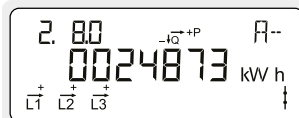
Normal display



Accumulated active positive energy

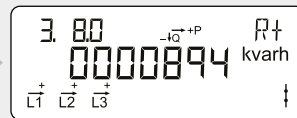
Total electricity consumption from the electricity grid.
Measured in kilowatt hours [kWh].

2



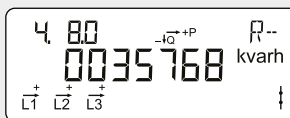
Accumulated active negative energy

Total electricity production for the electricity grid.
Measured in kilowatt hours [kWh].



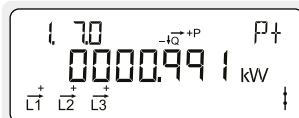
Accumulated reactive positive energy

Total reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



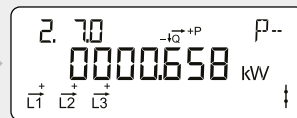
Accumulated reactive negative energy

Total reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



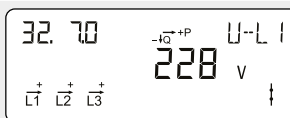
Actual active positive power

Instantaneous electricity consumption from the electricity grid.
Measured in kilowatt [kW].



Actual active negative power

Instantaneous electricity production for the electricity grid.
Measured in kilowatt [kW].



Actual voltage phase L1

Measured in volts [V].

2

F 1

52.70 U-L2
223 V
L1 L2 L3

Actual voltage phase L2
Measured in volts [V].

72.70 U-L3
223 V
L1 L2 L3

Actual voltage phase L3
Measured in volts [V].

31.70 I-L1
4.10 A
L1 L2 L3

Actual current phase L1
Measured in ampere [A].

51.70 I-L2
4.90 A
L1 L2 L3

Actual current phase L2
Measured in ampere [A].

71.70 I-L3
4.90 A
L1 L2 L3

Actual current phase L3
Measured in ampere [A].

0.42
60
L1 L2 L3

Transformer ratio
Transformer ratio for current transformers.

1.80 A+S
0935761 kWh
L1 L2 L3

Accumulated secondary active positive energy
Total secondary electricity consumption from the electricity grid.
Measured in kilowatt hours [kWh].

2.80 A-S
0024873 kWh
L1 L2 L3

Accumulated secondary active negative energy
Total secondary electricity production for the electricity grid.
Measured in kilowatt hours [kWh].

3.80 R+S
0000894 kvarh
L1 L2 L3

Accumulated secondary reactive positive energy
Total secondary reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].

4.80 R-S
0035768 kvarh
L1 L2 L3

Accumulated secondary reactive negative energy
Total secondary reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].

1.00 TIME
20130515
L1 L2 L3

Date and time
The display switches between the date and time in the meter.

-10+P CALL
L1 L2 L3

Reserved for the utility

8888888 -P -10+P MIMS
8888888:88:88 Mkvartiz
L1 L2 L3 T8 PP (P) (P) (P)

Display test
All segments of the display turn on and off during this test.

1.80 A+
0935761 kWh
L1 L2 L3

Accumulated active positive energy
Total electricity consumption from the electricity grid.
Measured in kilowatt hours [kWh].

F 1