kamstrup

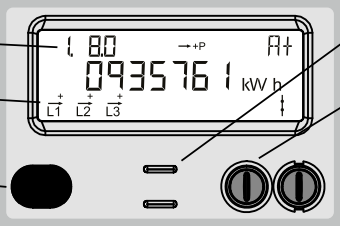
Display user guide for Kamstrup OMNIPOWER CT electricity meter

Intermediate 2 – Display configuration 710

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.

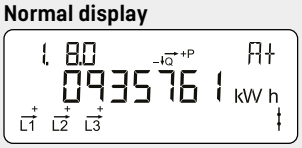


SO diode
Flashes 10,000 times per kWh.

The display changes via the button – the change takes place upon button release.

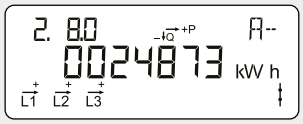
Approx. 2 minutes after the last button press, the display changes automatically to the view 1.8.0 – accumulated electricity consumption in kWh.

Normal display

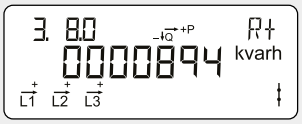


Accumulated active positive energy
Total electricity consumption from the electricity grid.
Measured in kilowatt hours [kWh].

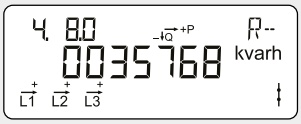
2



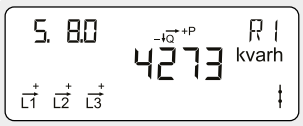
Accumulated active negative energy
Total electricity production for the electricity grid.
Measured in kilowatt hours [kWh].



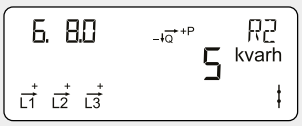
Accumulated reactive positive energy
Total reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



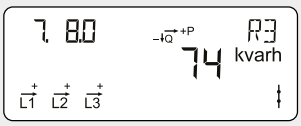
Accumulated reactive negative energy
Total reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



Accumulated reactive energy R1
Total inductive reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



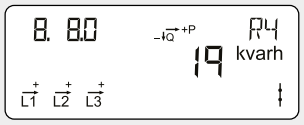
Accumulated reactive energy R2
Total capacitive reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



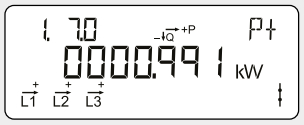
Accumulated reactive energy R3
Total inductive reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].

2

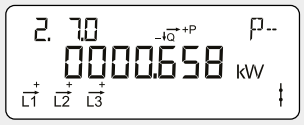
1



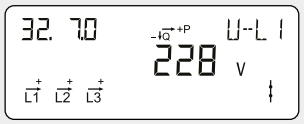
Accumulated reactive energy R4
Total capacitive reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



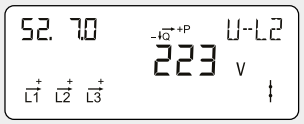
Actual active positive power
Instantaneous electricity consumption from the electricity grid.
Measured in kilowatt [kW].



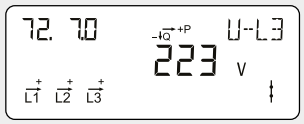
Actual active negative power
Instantaneous electricity production for the electricity grid.
Measured in kilowatt [kW].



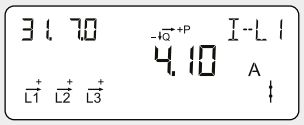
Actual voltage phase L1
Measured in volts [V].



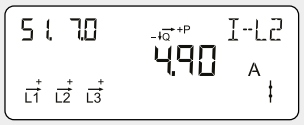
Actual voltage phase L2
Measured in volts [V].



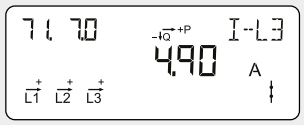
Actual voltage phase L3
Measured in volts [V].



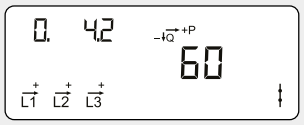
Actual current phase L1
Measured in ampere [A].



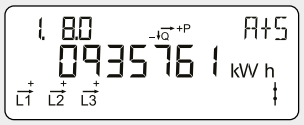
Actual current phase L2
Measured in ampere [A].



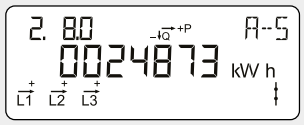
Actual current phase L3
Measured in ampere [A].



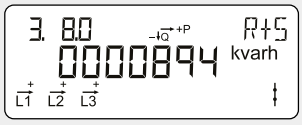
Transformer ratio
Transformer ratio for current transformers.



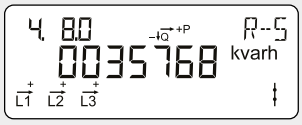
Accumulated secondary active positive energy
Total secondary electricity consumption from the electricity grid.
Measured in kilowatt hours [kWh].



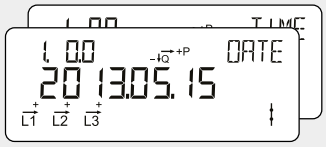
Accumulated secondary active negative energy
Total secondary electricity production for the electricity grid.
Measured in kilowatt hours [kWh].



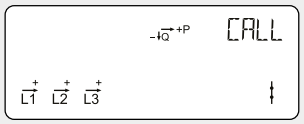
Accumulated secondary reactive positive energy
Total secondary reactive electricity consumption from the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



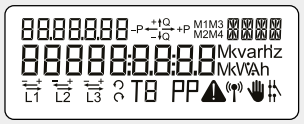
Accumulated secondary reactive negative energy
Total secondary reactive electricity production for the electricity grid.
Measured in kilovolt ampere reactive hours [kvarh].



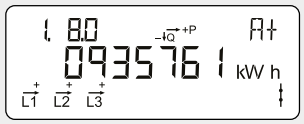
Date and time
The display switches between the date and time in the meter.



Reserved for the utility



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



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

1