



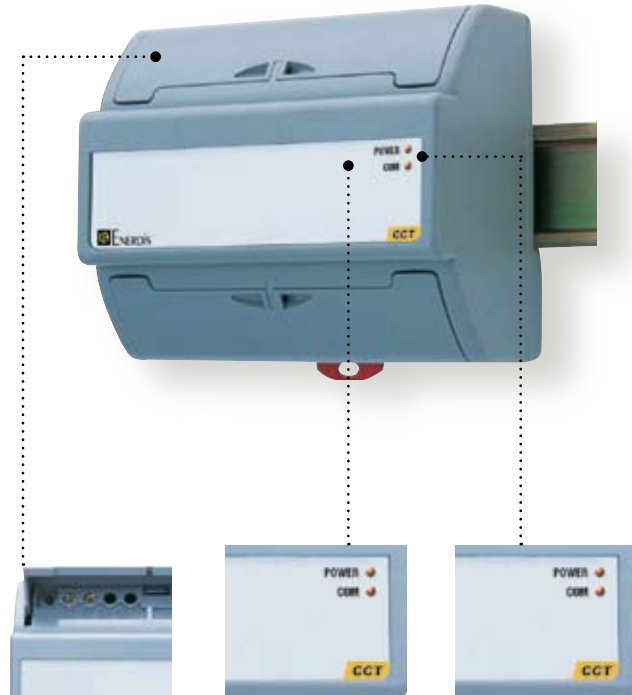
CCT Range

Remote-readable pulse receiver

Energy performance ▲ Associated products

PRODUCT ADVANTAGES

- + With its **RS485 DIGITAL OUTPUT**, the **CCT** makes the **ULYS** range of energy meters particularly good at communicating. When used with these meters and the E.online energy management and monitoring software, it offers users a global solution for monitoring and managing all their metering points.
- + **CALCULATION** and **STORAGE** of load curves on the basis of the meters' pulse outputs.



POWER LED: power supply presence (fixed: reset, flashing: battery fault)

COM LED: data exchange on the RS485 (flashing according to RS485 transmission speed)

Description

Le **CCT** collects and stores pulses coming from different energy meters (electricity, water, gas) or digital signals (circuit breaker status, alarm triggering, etc.) in real time, and transmits the information to an energy management system, such as **E.online**, via its RS485 digital link.

Special features

Le **CCT** accepts all types of metering measurement units (m³, m³/h, litres, kWh, etc.). 8 inputs can be programmed individually as metering-pulse inputs or digital inputs.

Pulse inputs:

- Energy management: recording of load curves of the last 4,032 average values for active and reactive powers for each of the 8 input channels (for example, 28 days of recording with a 10-minute integration period).
- Recording of the last 12 monthly metering indexes and general indexes.

Digital input:

- Counting and time-stamping of events: time-stamping of status change of a digital input and recording of all digital input statuses.
- Recording of the last 50 status changes.

► Electrical specifications

Pulse/digital inputs	
Pulse weight	from 0.1 to 100
Stream integration time	1 to 60 minutes, per 1 minute increments
Pulse input voltage	24 to 60 Vac/dc \pm 20%
Consumption	0.1 VA to 24 Vac/dc 0.5 VA to 48 Vac/dc
Pulse duration	30 to 1500 ms
Auxiliary power supply	
Supply voltage	230 Vac
Domain of use	-20% / +15%
Consumption	5 VA
Power supply output	
Metering inputs	24 Vdc – 100 mA
Digital outputs	
1 RS485 output / 2 shielded wires + half duplex	
Protocol	ModBus/Bus RTU mode
Speed	600, 1200, 2400, 4800, 9600 and 19200 bauds
Parity	Even, odd or no parity
Stop bits	1 or 2
Bus addresses	1 to 255

► Environment

Operating temperature	-20°C to +55°C
Storage temperature	-25°C to +70°C
Relative humidity	95%
Data storage	10 years at +25°C
Installation category	3
Pollution level	2

► Mechanical specifications

Weight	450 g
Mounting	Mounting on DIN rail
Terminal	6 mm ² screw connection terminals

Model	Model	Reference
CCT	Remote-readable pulse receiver	CCCT 1001

► Associated products

ULYS
energy meters

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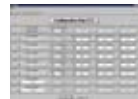
E.online
monitoring software

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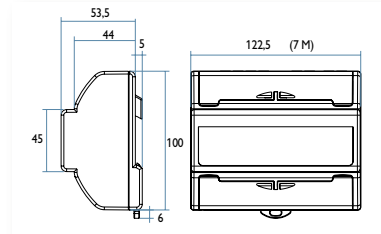


SESAME
configuration software

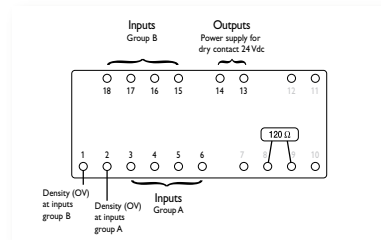
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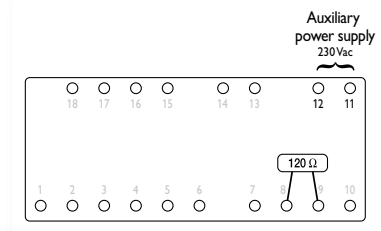
► Dimensions (in mm)



► Electrical connections



► Auxiliary power supply



► Communication

