



EC370

### Three Phase kWh Meters - Connection via Current Transformers

**Description:**

- Energy meters are used to measure the active energy consumed by an installation. They allow the user to understand and control the real cost of an installation and to divide the consumption between the different appliances.

**Characteristics**

- Fully compliant with the European standard EN 50470-3
- Class B
- Accuracy  $\pm 1\%$
- Energy readout: 7 digits
- Backlit display
- Indication of instantaneous power consumption
- Total / partial counter (expected MID references)
- Pulsed output
- Unlimited saving of measurements
- LED flashes according to consumption
- Option: tariff 1/ tariff 2
- Three phase energy meters are adapted to all kind of networks
- Display indication in case of incorrect wiring
- To be connected to CT with 5A on the secondary
- Voltage 230/400V a.c. 50/60Hz
- Starting current = 10mA
- Max current on CT secondary = 6A
- For technical data, see page 2.41.

**Note:**

- Use of heat dissipation inserts (cat ref. **LZ060**) are recommended on each side of direct connection meters.

Description	Width (1 Mod =17.5mm)	Cat ref.
Energy meter with pulsed output and total / partial counter	4 Mod	<b>EC370</b>
Energy meter with pulsed output - total / partial counter and 2 tariffs	4 Mod	<b>EC372</b>
Energy meter with KNX output	4 Mod	<b>TE370</b>

Modular Devices & Enclosures



SRA00505

### Current Transformers (CT)

**Characteristics:**

- Current transformers are used to feed analogue and digital ammeters and kilowatt hour meters.
- The current on the secondary circuit (0 - 5A) is proportional to the current on primary circuit class: 1.
- Suitable for use with copper bar or cable.
- Can be mounted on a DIN rail (up to 600A CT).
- For complete list of dimensions see page 2.42.

Description	Ratio	Cat ref.
DIN Rail Mountable CT, 50A	50:5	<b>SRA00505</b>
DIN Rail Mountable CT, 100A	100:5	<b>SRA01005</b>
DIN Rail Mountable CT, 150A	150:5	<b>SRA01505</b>
DIN Rail Mountable CT, 200A	200:5	<b>SRA02005</b>
DIN Rail Mountable CT, 250A	250:5	<b>SRA02505</b>
DIN Rail Mountable CT, 300A	300:5	<b>SRI03005</b>
DIN Rail Mountable CT, 400A	400:5	<b>SRC04005</b>
DIN Rail Mountable CT, 600A	600:5	<b>SRC06005</b>
CT, 800A	800:5	<b>SRD08005</b>
CT, 1000A	1000:5	<b>SRD10005</b>
CT, 1500A	1500:5	<b>SRD15005</b>
CT, 2000A	2000:5	<b>SRE20005</b>
DIN Rail Mounting for CTs up to 600A.	-	<b>SRZH01</b>