

The multifunctional 3-phase Energy Meter EMU32.x7 for transformer connection / 1 respectively / 5A.
 Price per kWh can be programmed by two buttons. Total costs are shown for tariff 1 and tariff 2.
 Two S0 impulse outputs for Active Energy and Reactive Energy with 10 Impulses per kWh resp. kvarh are standard.

Display data, 6 digits + 1 decimal position

	Σ	per Phase	Tariff 1	Tariff 2
Active energy (kWh)			•	•
Price per kWh			•	•
Total Cost	•		•	•
Apparent energy (kVAh)	•	•	•	•
Reactive energy (kvarh)			•	•
Active power (kW)	•	•		
Current (A)	•	•		
Voltage (V) L-N		•		
Reactive power (kvar)	•	•		
Apparent power (kVA)	•	•		
Netfrequency (Hz)	•			
Power factor (CosPhi)		•		
Active powers-Max.			•	•
Running Max. Active powers	•			
Measuring period in Minutes *	•			

* Measuring period is adjustable, 5, 10, 15, 30, 60 Min.

Technical data:

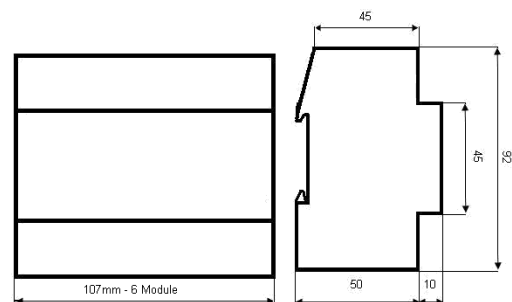
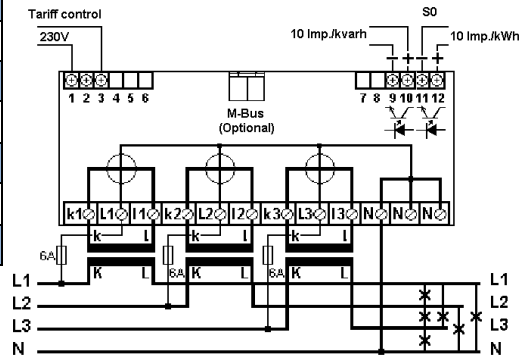
- Current Transformer connection In: /5A or /1A
- CT Factor is adjustable from 5/5A to 1275A, >1275A ex factory
- Nominal voltage Un: 3 x 230/400 VAC +/- 20%
 3 x 127/220 VAC +/- 20%
 3 x 63 / 110 VAC +/- 20%
- Nominal (Maximum) Current: 5 (6)A
- Measuring range: 0.005 to 6A
- Starting current: <5mA
- Operating net frequency: 45 - 65Hz
- Meter burden: <0.8 W / Phase
- Accuracy class 1 according EN 62053-21
- Operating Temperature range:- 10°C to +50°C
- Tariff control: 230VAC,
 Tariff 2 aktive = Voltage applied
- Weight: 320g
- In conformity with CE and IEC1036
- Installation: DIN BAR 35mm according EN60715
- S0 Impulse output: 10 Imp. / kWh, Ti = 120ms
- S0 Impulse output: 10 Imp. / kvarh, Ti = 120ms
- Approvals: PTB (Germany)

Optional read-out interface:

M-Bus, **EIB**, **LONWORKS**, RS485 according IEC 61107

EIB Read-out data:

- Active energy Tarif 1 (Wh)
- Active energy Tarif 2 (Wh)
- Instant. Active power Phase L1 (W)
- Instant. Active power Phase L2 (W)
- Instant. Active power Phase L3 (W)



M-Bus Read-out data:

- Active energy Tarif1 (Wh)
- Active energy Tarif 2 (Wh)
- Reactive energy Tarif 1 (varh)
- Reactive energy Tarif 2 (varh)
- Instant. Current (A) per phase
- Instant. Voltage (V) per phase
- Instant. Active power (W) per phase
- Instant. Reactive power (var) per phase
- Instant. Power factor (Cos-Phi) per phase
- Instant. Netfrequency (Hz)
- 15min Max. Active power Tarif 1 (W)
- 15min Max. Active power Tarif 2 (W)
- Number of power failures
- Operating hours

Subject to change without notice
 21 May 2010, SK