

The multifunctional 3-phase Energy Meter EMU32.x4 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. The EMU32.x4 is equipped with a S0 Impulse output for Active Energy.

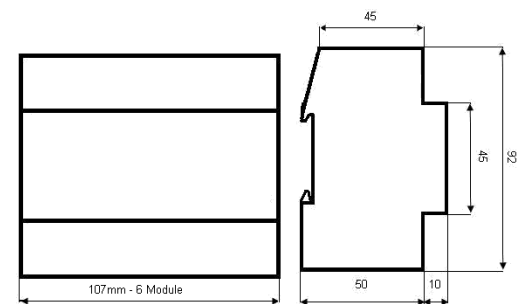
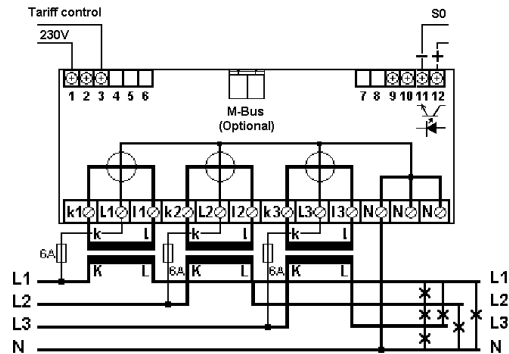
### Display data, 6 digits + 1 decimal position

|                     | Σ | per Phase | Tariff 1 | Tariff 2 |
|---------------------|---|-----------|----------|----------|
| Active energy (kWh) |   |           | •        | •        |
| Price per kWh       |   |           | •        | •        |
| Total Cost          | • |           | •        | •        |
| Active power (kW)   | • | •         |          |          |
| Current (A)         | • | •         |          |          |
| Voltage (V) L-N     |   | •         |          |          |



### 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 bis +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
- Approvals: Metas (CH) und PTB (Germany)
- Current and voltage circuits galvanically separated.



### Optional read-out interface:

**M-Bus**, **EIB** or 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 Tariff1 (Wh)
- Active energy Tariff 2 (Wh)
- Reactive energy Tariff 1 (varh)
- Reactive energy Tariff 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  
1 December 2010, SK