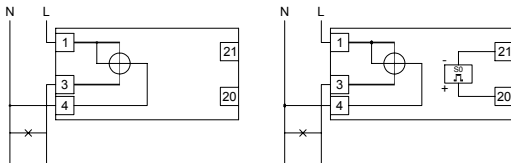


Static single-phase a.c. energy meter for 230 V a.c., 10(65) A. 50-60 Hz  
 As per connection 1600 of DIN 43856 (see meter)  
 Version according to IEC 1036 / EN 61036 CE  
 Accuracy class 1  
 DIN rail fixing (DIN-EN 60715)  
 2 modules = 35 mm (DIN 43880)  
 Interface: S0-optical coupler (as per DIN 43864)  
 Pulse value  $R_A = 0,5$  or  $1$  Wh / Imp. (see meter)  
 LED: synchronic blinking  $0,5$  Wh or  $1$  Wh / imp. =  $R_L$  (see meter)  
 Display: 5 digits for kWh and 1 decimal  
 Power consumption / Burden approx.  $0,8$  W  $7,5$  VA  
 Voltage working limit range:  $195$  V to  $253$  V  
 Current service / limit range:  $0,04$  A to  $65$  A  
 Starting current with  $\cos \varphi = 1$  typical  $40$  mA  
 Harmonics considered until  $7$  Khz  
 Service temperature limits:  $-20$  °C to  $+50$  °C  
 Maximum relative air humidity:  
 - Average value of year:  $75$  %  
 - Short time value:  $95$  %

### CONNECTION

Connection scheme:



### POWER SUPPLY

See meter.

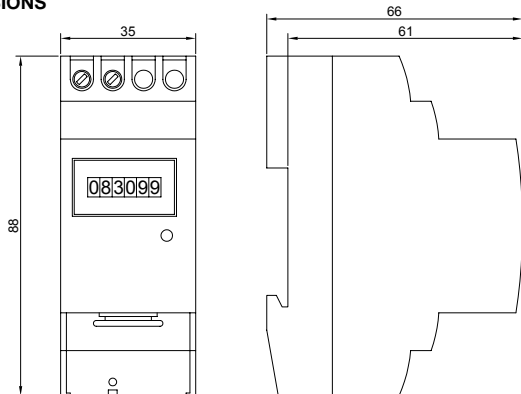
- Supply lead "L" to terminal 1
- Supply lead "N" to terminal 4
- Consumption lead "L" to terminal 3

### WIRING OF PASSIVE IMPULSE-OUTPUT

As per "S0" – conditions of DIN 43864. standards:  $18$  V to  $27$  V; max  $27$  mA;  
 impulse length  $\geq 30$ ms, + lead to terminal 20.  
 Limits of values: max  $60$  V D.C.; max  $30$  mA  
 Built-in Diode protection against wrong (parallel).

**Atención: Case is sealed, do not open the meter!**

### DIMENSIONS



A016.85.53037



**ORBIS TECNOLOGÍA ELÉCTRICA, S.A.**

Lérida, 61 E-28020 MADRID

Teléfono: +34 91 5672277; Fax: +34 91 5714006

E-mail: [info@orbis.es](mailto:info@orbis.es)

<http://www.orbis.es>