

6511SO / D6521

Single Phase Digital Energy Meter

2 module static single-phase power meter for the consumption control in machinery and facilities

Features:

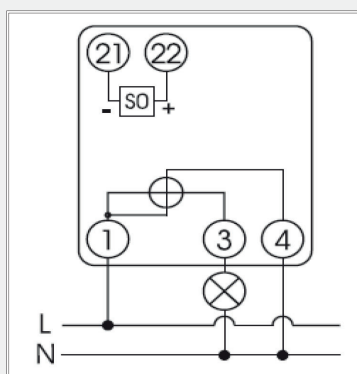
- 10 (65) A single-phase static energy meter
- Two module wide
- Direct measurement up to 65 A. Class 1
- Communication by pulse output S0
- Single-phase digital meter with two width modules
- Direct measurement 10 (65) A
- Digital LCD display, 5 digits + 1 decimal without resetting
- Opto-isolated pulse output communication
- Consumption indicator LED

Order Details:

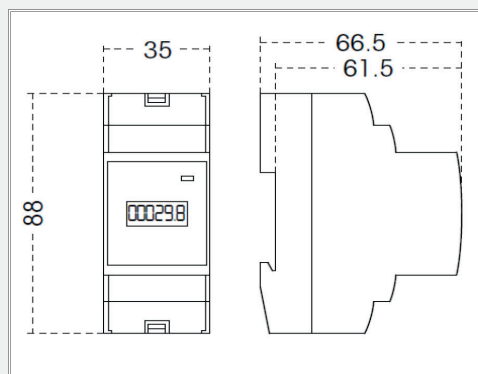
Product Code	Type
6511SO	Analogue
D6521	Digital



Wiring Diagram:



Dimensions:



6511SO / D6521 Continued...

TECHNICAL DATA	6511SO (6521 SO)	D6521 SO
Reference Voltage (Un)	230 V ac	
Voltage variation	-20% to + 15% of reference voltage	
Operating minimum voltage (U min)	135 Vac	
Nominal frequency	50 - 60 Hz	
Frequency variation	± 2 %	
Transformation ratio	- A	
Measurement category	CAT III (EN 61010-1)	
Power consumption voltage circuits	0.5 W (7.5 VA)	
Power consumption current circuits	0.2 W (resistive SHUNT type)	
Active		
Active class index	1 (according to EN 62053-21)	
Constant	2,000 imp/kWh	
Starting current (cos ϕ = 1)	40 mA	
Minimum current	500 mA	
Reference current	10 A	
Maximum current	65 A	
Display : Technology	Analogue	Digital
	5 digits + 1 decimal	
Environmental		
Specified operating temperature range	-20 ... +50	
Storage temperature range	-25 ... +70	
Relative humidity	Annual mean < 75% Peak values 95 %	
Assigned contamination degree	3 (according to EN 61010-1)	
Mechanical		
Protection class	Class II in correct mounting conditions	
Degree of protection	IP 20 according to EN 60529	
Electrical connections		
Connection type	Direct through screw terminals	
Wire cross-section range (1-3)	4 ... 16 mm2	
Wire cross-section range (4-20-21)	1 ... 6 mm2	
Dimensions		
DIN modules	2	
Net weight	130 g	