

# MICROCUSTOM LTD

Rence Park Farm, Chelmondiston, Ipswich, Suffolk, IP9 1HB, UK  
Tel: +44 (0) 1473 780724 Fax: +44 (0) 1473 780807  
[sales@microcustom.co.uk](mailto:sales@microcustom.co.uk)

## **SCHELLCOUNT – 1** **DIN-RAIL MOUNTED SINGLE PHASE kWh METER** **TECHNICAL SPECIFICATION**

DESCRIPTION	Static watt hour single phase meter
VOLTAGE	230V AC 50-60Hz
MAXIMUM LOAD CAPACITY	25A
ACCURACY	±1% Class 1
OWN POWER CONSUMPTION	≤ 0,5VA
STARTING CURRENT AT POWER FACTOR 1	≤ 25mA
TEMPERATURE RANGE	-20°C - +50°C - Operating
COUNTER	Drum-type register with 5 digits and 1 decimal digit in red
MISCELLANEOUS	S0 – interface for energy management systems to DIN 43864
	18 VDC to 27 VDC, max. 27mA, impulse length ≥ 80ms
	Positive connection to terminal 20
	Pulse rate $R_A$ for optical coupler 2000 i/kWh
	Pulse rate $R_L$ for LED 2000 i/kWh
DIMENSIONS	17.5 <sup>mm</sup> wide, 87 <sup>mm</sup> long, 60 <sup>mm</sup> deep
MOUNTING	Onto support rails corresponding to EN50022
STANDARDS	Corresponding to IEC1036 and EN61036 <b>CE</b> marked

**Please note that Microcustom operates a policy of continuous product improvement and reserves the right to alter specifications without notice.**