

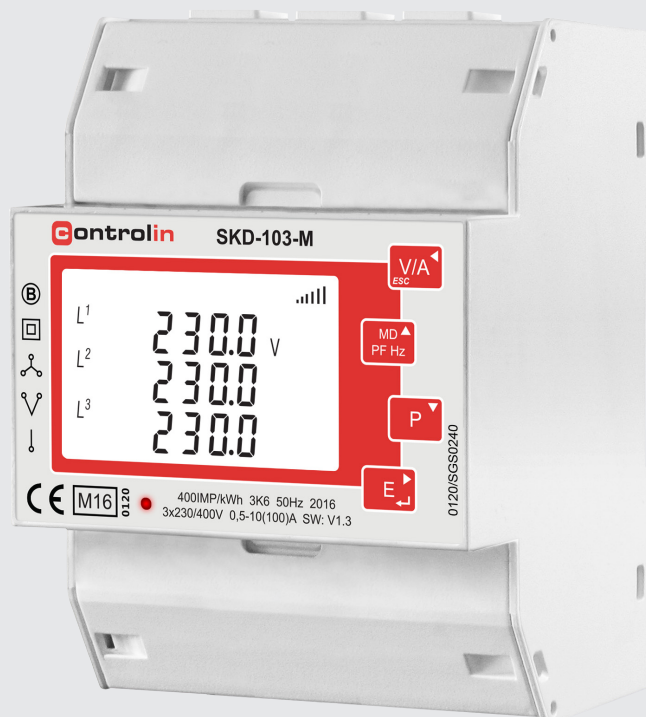
# Data Sheet

2016 v1.0

## SKD-103-M

### DIN Rail Multifunction Power Meter - 100A Direct Connected (MID Certified)

- MID B&D Certified by SGS UK
- Certified for Single & Three Phase
- Certified for Import / Export kWh
- Certificate Number 0120/SGS0240
- Built in Pulse & Modbus Comms



## SKD-103-M

### Multifunction Power Meter

The SKD-103-M is a new generation modern design power monitor that will measure and display electrical power quality parameters. It has been engineered to cover most applications (Single Phase and Three Phase networks / Built in Pulsed and RS485 Modbus / Import and Export kWh), replacing the need for several different models of this power meter.

As the demand for MID certified meters has increased, we have obtained annex B and D of the EC Directive 2004/22/EC. This power meter has been tested and certified for single or three phase networks and import and export active energy (kWh).

The SKD-103-M is produced to the highest quality and utilizes the latest microprocessor and technology. It has a blue backlit display and 16 different measuring parameters. This meter supports a maximum 100A Direct connection. Available with built in pulsed outputs and RS485 Modbus RTU it is fully compatible for integration with BMS and remote monitoring systems.

### Parameters

- |   |                                  |
|---|----------------------------------|
| • Phase to Neutral Voltage (V)              | • Reactive Power (kVAR)          |
| • Phase Current (A)                         | • Apparent Power (kVA)           |
| • Voltage Total Harmonic Distortion (U%THD) | • Import Active Energy (kWh)     |
| • Current Total Harmonic Distortion (I%THD) | • Export Active Energy (kWh)     |
| • Frequency (Hz)                            | • Total Active Energy (kWh)      |
| • Power Factor (PF)                         | • Import Reactive Energy (kVARh) |
| • Current Max Demand (MD A)                 | • Export Reactive Energy (kVARh) |
| • Power Max Demand (MD kW)                  | • Total Reactive Energy (kVARh)  |
| • Active Power (kW)                         |                                  |