



Reduced  
operational cost



Revenue  
protection



Dual source  
energy metering

## Interoperable comms with dual source energy metering

Sprint is a full four-quadrant, three-phase whole-current metering platform for use in markets where flexible time-of-use tariff facilities are required.

Sprint offers a cost-effective solution for everything from basic direct-connected applications to full time-of-use and maximum demand metering.



### Application

- Direct-connected domestic, industrial and commercial billing
- Single-phase, two-phase or three-phase low-voltage circuits

### Benefits

- Compact and accurate
- Reliable and flexible in use
- Easy to install; wiring faults can be diagnosed from instantaneous parameters
- Reduced operational cost

### Features

- True four-quadrant measurement
- Time-of-use tariffs and maximum demands
- Multi-drop network capability via PACTLAN addressing
- Logging of events such as power outage and communications activity
- Build option of 1 pulse output and 1 input



## Technical specifications

### Electrical

Connection type	Direct connected
Wiring configuration	3-phase 4-wire
Voltage range	220-240 V (L-N)
Current range	20-100 A, 40-100 A
Accuracy	Class 1.0, Class 2.0
Mains frequency	50 Hz ± 5%
Burden	Voltage circuit: < 1 W, 1.5 VA (per phase) Current circuit: < 0.1 VA (per phase)

### Compliance

Standards*	IEC 62052-11, IEC 62053-21
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### Mechanical

Dimensions (W x H x D)	175 x 191 x 54 mm
Weight	1.2 kg (approx.)
Enclosure	Engineering plastic
Sealing	Sealable screws on main cover and terminal cover

### Environmental

Degree of protection	IP 51
Insulation class	Protective class II
Temperature	-10 °C to +45 °C (operating) -25 °C to +70 °C (storage)
Humidity	95% non-condensing

### Features

Tariff rate registers	Up to 8 rate
Maximum demand	Up to 2 types, configurable in 4 registers
Load survey	150 parameter-days with 30-minute integration period
Communication	IEC 1107 hardware-compatible port for local communication, PACT port for remote communication
Pulse output	Voltage rating 230 V AC . Cable entry 2.5 mm
Pulse output (build option)	Voltage rating 230V AC, 24-240 V DC max. Cable entry 2.5 mm
Contact your nearest sales office for more details	

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