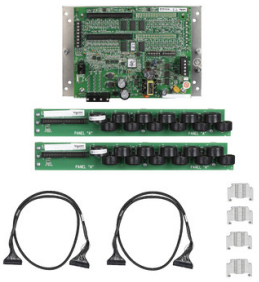
# Product data sheet

Specifications



Discontinued

## BCPM power monitoring advanced - 60 split core CT 50 A

BCPMSCA60S

Discontinued on: Feb 20, 2025

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range** | PowerLogic |
| **product name** | PowerLogic BCPMSC |
| **Product or Component Type** | Multi-circuit energy meter |
| **Device short name** | BCPMSCA |
| **Model type** | Advanced |
| **Power monitoring** | Basic instrumentation |
| **Energy management** | Sub billing and cost allocation |
| **Device Application** | Sub billing |
| **Power quality analysis** | voltage sag and swell detection |
| **Type of measurement** | Voltage<br>Current<br>Frequency<br>Active power<br>Power factor<br>Active energy |
| **[Us] rated supply voltage** | 90...277 V AC 50/60 Hz +/- 1 % |
| **Network Frequency** | 60 Hz<br>50 Hz |

## Complementary

| | |
|---|---|
| **current transformer input** | Split core CT 0.333 V60 x |
| **Update time** | 1.8 s |
| **Measurement voltage** | 90…277 V phase to neutral<br>150…480 V phase to phase |
| **Measurement accuracy** | Branch current 2 % 0.25…2 A<br>Branch current 1 % 2…100 A<br>Mains current 3 % 1…100 %<br>Mains current 3 % 2…100 %<br>Voltage 1 % 90…277 V |
| **Sampling rate** | 256 samples/cycle |
| **Provided equipment** | 4 x cables<br>4 x adapter board<br>60 x current transformer |
| **Communication port protocol** | Modbus RTU |
| **Communication port support** | RS485 |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Communication of data** | Under voltage alarm<br>Low-low current alarm<br>Over voltage alarm<br>High current alarm<br>Low current alarm<br>High-high current alarm |

## Environment

| | |
|---|---|
| **Mounting Mode** | Clip-on |
| **Mounting Support** | Board |
| **Relative humidity** | 0…95 % 32…140 °F (0…60 °C) |
| **Ambient Air Temperature for Storage** | -40…158 °F (-40…70 °C) |
| **Operating altitude** | 9842.52 ft (3000 m) |
| **Standards** | UL 508<br>EN 61010<br>IEC 61036<br>ANSI C12.1 |
| **Product certifications** | UL |
| **Width** | 11.3 in (288 mm) |
| **Height** | 5.7 in (146 mm) |
| **Net Weight** | 3.3 lb(US) (1.5 kg) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10PL109793 |
| **Discount Schedule** | 0PL1 |
| **GTIN** | 3606480344008 |
| **Returnability** | Yes |
| **Country of origin** | US |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 10.16 in (25.8 cm) |
| **Package 1 Width** | 12.20 in (31.0 cm) |
| **Package 1 Length** | 15.24 in (38.7 cm) |
| **Package 1 Weight** | 12.65 lb(US) (5.74 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained

How we assess product sustainability

### Use Better

#### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| China RoHS Regulation | **China RoHS declaration** |
| California proposition 65 | **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov** |

### Use Again

#### Repack and remanufacture

| | |
|---|---|
| WEEE | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |
| Take-back | **No** |