



### Main

|                           |  |
|---------------------------|--|
| Range                     | PowerLogic   |
| Product name              | PowerLogic BCPM  |
| Product or Component Type | Multi-circuit energy meter   |
| Device short name         | BCPMA  |
| 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   | Solid core CT 100 A36 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   |
| Connection pitch            | 0.71 in (18 mm)   |
| Provided equipment          | 36 x current transformer  |
| Communication port protocol | Modbus RTU  |
| Communication port support  | RS485   |
| Communication of data       | Low-low current alarm<br>Low current alarm<br>High-high current alarm<br>Under voltage alarm<br>High current alarm<br>Over voltage alarm              |

### Environment

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Mounting Mode                       | Panel-mounted                    |
| Mounting Support                    | Enclosure<br>Panel               |
| 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)              |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                        |   |
|------------------------|---|
| Standards              | EN 61010<br>UL 508<br>IEC 61036<br>ANSI C12.1 |
| Product certifications | UL  |
| Width                  | 11.34 in (288 mm)                             |
| Height                 | 5.75 in (146 mm)                              |
| Net Weight             | 3.31 lb(US) (1.5 kg)                          |

### Ordering and shipping details

|                   |  |
|-------------------|--|
| Category          | 09793-PLOGIC BRANCH CIRCUIT BCPM & MCM |
| Discount Schedule | PL1                                    |
| GTIN              | 3606480640315                          |
| Returnability     | No                                     |

### Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 5.98 in (15.2 cm)      |
| Package 1 Width              | 12.01 in (30.5 cm)     |
| Package 1 Length             | 20.00 in (50.8 cm)     |
| Package 1 Weight             | 6.31 lb(US) (2.864 kg) |

### Offer Sustainability

|                            |  |
|----------------------------|--|
| California proposition 65  | WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>                   |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| EU RoHS Directive          | Compliant with Exemptions  |
| Mercury free               | Yes  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| RoHS exemption information | <a href="#">Yes</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |