



Main

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| 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 Current Frequency Active power Power factor Active energy |
| [Us] rated supply voltage | 90...277 V AC 50/60 Hz +/- 1 % |
| Network frequency | 60 Hz 50 Hz |

Complementary

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|-----------------------------|---|
| Current transformer input | Solid core CT 100 A72 x |
| Update time | 1.8 s |
| Measurement voltage | 90...277 V phase to neutral 150...480 V phase to phase |
| Measurement accuracy | Branch current 2 % 0.25...2 A Branch current 1 % 2...100 A Mains current 3 % 1...100 % Mains current 3 % 2...100 % Voltage 1 % 90...277 V |
| Sampling rate | 256 samples/cycle |
| Connection pitch | 18 mm |
| Provided equipment | 72 x current transformer |
| Communication port protocol | Modbus RTU |
| Communication port support | RS485 |
| Communication of data | High current alarm Over voltage alarm Under voltage alarm Low current alarm Low-low current alarm High-high current alarm |

Environment

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|-------------------------------------|-----------------------|
| Mounting mode | Panel-mounted |
| Mounting support | Enclosure Panel |
| Relative humidity | 0...95 % at 0...60 °C |
| Ambient air temperature for storage | -40...70 °C |
| Operating altitude | 3000 m |

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| Standards | EN 61010 UL 508 ANSI C12.1 IEC 61036 |
| Product certifications | UL |
| Width | 288 mm |
| Height | 146 mm |
| Net weight | 1.5 kg |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 15.2 cm |
| Package 1 Width | 30.5 cm |
| Package 1 Length | 50.8 cm |
| Package 1 Weight | 4.318 kg |

Offer Sustainability

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|----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |