



Main

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

Complementary

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| Current transformer input | Split core CT, 0.333 V x 60 |
| Update time | 1.8 s |
| Measurement voltage | 90...277 V phase to neutral 150...480 V phase to phase |
| Measurement accuracy | 2 % branch current 0.25...2 A 1 % branch current 2...100 A 3 % mains current 1...100 % 3 % mains current 2...100 % 1 % voltage 90...277 V |
| Sampling rate | 256 samples/cycle |
| Provided equipment | 4 x adapter board 4 x cables 60 x current transformer |
| Communication port protocol | Modbus RTU |
| Communication port support | RS485 |

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

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| Communication of data | Over voltage alarm Under voltage alarm High-high current alarm High current alarm Low current alarm Low-low current alarm |
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Environment

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| Mounting mode | Clip-on |
| Mounting support | Board |
| Relative humidity | 95 % between 0...60 °C |
| Ambient air temperature for storage | -40...70 °C |
| Operating altitude | 3000 m |
| Standards | EN 61010 IEC 61036 UL 508 ANSI C12.1 |
| Product certifications | UL |
| Width | 288 mm |
| Height | 146 mm |
| Product weight | 1.5 kg |

Offer Sustainability

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| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
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Contractual warranty

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| Warranty period | 18 months |
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