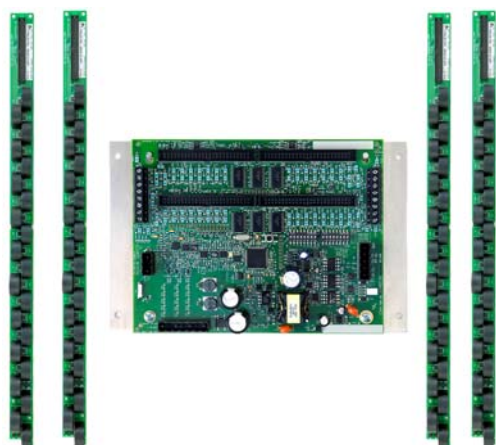


Declaration of conformity to specifications



PRODUCTS: BCPMxxxx(S,D)

INTRODUCTION:

IEC61036, UL508, IEC61010 are standards used for this type of product that aims at providing customers warranties about:

- product performances within a specified temperature range,
- product robustness regarding EMC, climatic, and mechanical phenomenon,
- product safety.

1. PRODUCT CHARACTERISTICS

In (Branch)	I _{max} (Branch)	U _n (L-N)	U _{min} (L-N)	U _{max} (L-L)	AuxCT ratio
100A	120A	277VLN	90V	480V	1 to 32767

2. FUNCTIONS PERFORMANCE CLASS

Symbol	Function	Accuracy	Measuring Range (ratios = 1:1)
BrP	Total active power (Branch)	3% of reading	1-100% 0.8 Ind – 0.8 Cap
AxP	Total active power (Auxiliaries)	IEC61036 Class 1 ANSI C12.1-2001 Class 1	
Brl	Branch Current	1% of reading 2% of reading	2% - 100% 0.25%-2%
Axl	Auxillary Current	1% of reading 2% of reading	10-100% 1-10%
V	Voltage (L-L)	1% of reading	90-480V

3. CLIMATIC

Characteristic	Value
Temperature rated operating range (with specified uncertainty)	0 to 60 °C
Temperature limit range of operation (no hardware failures)	0 to 60 °C
Humidity rated operating range (with specified uncertainty)	0 to 75 % RH
Humidity limit range of operation for 30 days/year	0 to 90 % RH
Humidity limit range for storage and shipping	0 to 90 % RH
Altitude	0 to 3000 m

4. MECHANICAL, EMC, AND SAFETY

Characteristic	Ref. standard
EMC emission	EN61000-6 / CISPR 22:2006
EMC immunity	EN61000-6
Product Safety	IEC/EN 61010-1, CuL - UL508, CSA 22.2 No 14-05.