



## module **BMXCPS4002S**

URL:<https://www.sxplc.com/module-bmxcps4002s>

### Product data sheet

Product Type Power Modules

Backplane compatibility All backplanes

Advanced diagnostics can be performed over the network Redundancy information

Redundancy testing

Temperature sensing

Remaining life cycle

Rise duration

Primary side voltage 100.... .240 V

Input type AC

Secondary power supply 15 W 3.3 V DC on -25...60 °C I/O module logic power supply

40 W 24 V DC at ...on -25...60 °C I/O module power supply and processor 3.3 V unloaded

Mains voltage limit 85.....264 V

Network frequency 50/60 Hz

Network frequency limit 47...63 Hz

Apparent power 0.13 kVA

Input current 0.55 A 230 V

1.1 A 115 V

Maximum inrush current 30 A 115 V

60 A 230 V

I<sup>2</sup>t activation 1 A<sup>2</sup>.s 115 V

4 A<sup>2</sup>.s 230 V

I<sub>t</sub> activation 0.1 A.s 115 V

0.15 A<sup>2</sup>.s 230 V

MTBF Reliability 792000 H

Type of protection Internal fuse not accessible Applicable Primary circuit

Overload protection Applicable Secondary circuit

Overvoltage protection Applicable Secondary circuit

Short-circuit protection Applicable Secondary circuit

Current at secondary voltage 4.5 A 3.3 V DC I/O module logic power supplies

1.67 A 24 VDC I/O module power supply and processor

Maximum power dissipation in W 8.5 W

LED status LED (green) Voltage status (OK)

LED (green) Redundancy normal

LED (green) Power status

Control type RESET button Cold start

Electrical Connections 1 connector 2-pin alarm relay

1 connector 5-pin line power, protective earth

Insulation resistance  $\geq 100 \text{ M}\Omega$  Main circuit/earth

$\geq 100 \text{ M}\Omega$  primary/secondary

Net weight 0.51 kg

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