

# Product data sheet

Specifications



## redundant power supply module, Modicon X80, 24 to 48V DC

BMXCPS4022

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range of Product	Modicon X80
Product or Component Type	Power supply module
backplane compatibility	All backplane
advanced diagnostics available via network	Redundancy information Redundancy test Temperature sensing Remaining lifetime Uptime duration
Primary Voltage	24...48 V
Supply circuit type	DC
Secondary power	18 W 3.3 V DC 32...140 °F (0...60 °C) I/O module logic power supply 40 W 24 V DC 32...140 °F (0...60 °C) I/O module power supply and processor if 3.3 V not loaded

### Complementary

Primary voltage limit	18...62.4 V
Input current	1.9 A 24 V 1 A 48 V
Inrush current	60 A 48 V 60 A 24 V
I <sup>2</sup> t on activation	0.4 A <sup>2</sup> .s 24 V 1.9 A <sup>2</sup> .s 48 V
It on activation	0.05 A.s 24 V 0.08 A.s 48 V
MTBF reliability	752000 H
Protection type	Internal fuse not accessible primary circuit Overload protection secondary circuit Overvoltage protection secondary circuit Short-circuit protection secondary circuit
Current at secondary voltage	5.5 A 3.3 V DC I/O module logic power supply 1.67 A 24 V DC I/O module power supply and processor
Maximum power dissipation in W	8.5 W
Status LED	1 LED (Green) presence of voltages (OK) 1 LED (Green) redundancy OK 1 LED (Green) power supply status
Control Type	RESET push-button cold restart
Electrical connection	1 connector 2 alarm relay 1 connector 5 line supply, protective earth
Maximum cable distance between devices	32.8 ft (10 m) 49.2 ft (15 m)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Insulation resistance</b>	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
<b>Net Weight</b>	1.79 lb(US) (0.81 kg)

## Environment

<b>Immunity to microbreaks</b>	1 ms
<b>Dielectric strength</b>	1500 V primary/ground 1500 V primary/secondary
<b>IP Degree of Protection</b>	IP20
<b>Directives</b>	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
<b>Environmental characteristic</b>	3C3 IEC 60721-3-3 3C4 IEC 60721-3-3
<b>Ambient Air Temperature for Storage</b>	-40...185 °F (-40...85 °C)
<b>Ambient Air Temperature for Operation</b>	32...140 °F (0...60 °C)
<b>Relative humidity</b>	10...95 % without condensation

## Ordering and shipping details

<b>Category</b>	US1PC3418160
<b>Discount Schedule</b>	PC34
<b>GTIN</b>	3606481179074
<b>Returnability</b>	Yes
<b>Country of origin</b>	ID

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	3.740 in (9.500 cm)
<b>Package 1 Width</b>	7.087 in (18.000 cm)
<b>Package 1 Length</b>	10.039 in (25.500 cm)
<b>Package weight(Lbs)</b>	23.492 oz (666.000 g)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	11.811 in (30.000 cm)
<b>Package 2 Width</b>	11.811 in (30.000 cm)
<b>Package 2 Length</b>	15.748 in (40.000 cm)
<b>Package 2 Weight</b>	10.318 lb(US) (4.680 kg)

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 496

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 41745a42-b2d7-4938-80f8-0738cea8ed1d

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

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