

Product data sheet

Specifications



redundant power supply module, Modicon X80, 125V DC

BMXCPS3522

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	Uptime duration Temperature sensing Remaining lifetime Redundancy information Redundancy test
Primary Voltage	125 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	100...150 V
Input current	600 mA 125 V
Inrush current	60 A 125 V
I ² t on activation	2.5 A ² .s 125 V
It on activation	0.09 A.s 125 V
MTBF reliability	830000 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	1.67 A 24 V DC I/O module power supply and processor 5 A 3.3 V DC I/O module logic power supply
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
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Product Weight	1.34 lb(US) (0.61 kg)

Environment

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

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

Immunity to microbreaks	1 ms
Dielectric strength	1500 V primary/secondary I/O module logic power supply 1500 V primary/secondary I/O module power supply and processor 2300 V primary/secondary sensor power supply 1500 V primary/ground
IP Degree of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Environmental characteristic	3C3 IEC 60721-3-3 3C4 IEC 60721-3-3
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Relative humidity	10...95 % without condensation

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3606481179098
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.5 in (9 cm)
Package 1 Width	7.09 in (18 cm)
Package 1 Length	10.04 in (25.5 cm)
Package weight(Lbs)	21.9 oz (620 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	9.30 lb(US) (4.22 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	48
Package 3 Height	27.6 in (70 cm)
Package 3 Width	23.6 in (60 cm)
Package 3 Length	31.5 in (80 cm)
Package 3 Weight	95.2 lb(US) (43.2 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	494 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	25 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.9 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	467 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	41745a42-b2d7-4938-80f8-0738cea8ed1d
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





