Product datasheet

Specifications

redundant power supply module X80 - 125 V DC

BMXCPS3522

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 at 0…60 °C I/O module logic power supply 40 W 24 V DC at 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
I²t on activation	2.5 A².s 125 V
It on activation	0.09 A.s 125 V
MTBF reliability	830000 H
Protection type	Internal fuse not accessible for primary circuit Overload protection for secondary circuit Overvoltage protection for secondary circuit Short-circuit protection for 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 pin(s)alarm relay 1 connector 5 pin(s)line supply, protective earth
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Net weight	0.61 kg

Environment

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 conforming to IEC 60721-3-3 3C4 conforming to IEC 60721-3-3
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	0…60 °C
Relative humidity	10…95 % without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9 cm
Package 1 Width	18 cm
Package 1 Length	25.5 cm
Package 1 Weight	620 g
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.22 kg
Unit Type of Package 3	P06
Number of Units in Package 3	48
Package 3 Height	70 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	43.2 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.

How this information helps you

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**494**
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**
China RoHS Regulation	**China RoHS declaration**

Use Again

Repack and remanufacture

WEEE	 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**
Take-back	**No**

Image of product / Alternate images

Alternative


Schneider Electric
Modicon
BMXCPS3522
REDUNDANT HP 125 VDC
POWER SUPPLY
DOM : XXXX
DC Power
Input 125 V d.c., 0.55A max.
Output: 40W
Relay