

# redundant power supply module X80 - 125 V DC

BMXCPS3522

EAN Code: 3606481179098

### 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 060 °C I/O module logic power supply 40 W 24 V DC at 060 °C I/O module power supply and processor if 3.3 V not loaded	

### Complementary

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Primary voltage limit	100150 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	LED (green) presence of voltages (OK)     LED (green) redundancy OK     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	-4085 °C	
Ambient air temperature for operation	060 °C	
Relative humidity	1095 % 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

# **Contractual warranty**

Warranty 18 months



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.eq.CO2 per CR, Total Life cycle)	494
Environmental Disclosure	Product Environmental Profile

### **Use Better**

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

### **Use Again**

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