



Main

Range of product	Modicon X80
Product or component type	Power supply module
Product compatibility	Not compatible with BMEXBP..02
Primary voltage	24 V isolated
Supply circuit type	DC
Secondary power	16.8 W 24 V DC I/O module power supply and processor 8.3 W 3.3 V DC I/O module logic power supply

Complementary

Primary voltage limit	18...31.2 V
Input current	1 A 24 V
Inrush current	30 A 24 V
I ² t on activation	0.6 A ² .S 24 V
It on activation	0.15 A.S 24 V
Protection type	Internal fuse not accessible for primary circuit Overload protection for secondary circuit, 24 V sensor power supply Overvoltage protection for secondary circuit, 24 V sensor power supply Short-circuit protection for secondary circuit, 24 V sensor power supply
Current at secondary voltage	0.7 A 24 V DC I/O module power supply and processor 2.5 A 3.3 V DC I/O module logic power supply
Maximum power dissipation in W	8.5 W
Status LED	1 LED (green)rack voltage OK:
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, 24 V DC input sensor
Maximum cable distance between devices	20 M power supply cable copper 1.5 mm ² 30 M power supply cable copper 2.5 mm ²
Insulation resistance	>= 10 MOhm primary/ground >= 10 MOhm primary/secondary
Net weight	0.29 Kg

Environment

Immunity to microbreaks	1 Ms
Dielectric strength	1500 V primary/ground 1500 V primary/secondary
Vibration resistance	3 gn
Shock resistance	30 gn
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive

Product certifications	UL CSA RCM EAC Merchant Navy CE
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	0...60 °C
Relative humidity	5...95 % at 55 °C without condensation
Protective treatment	TC
Operating altitude	0...2000 m 2000...5000 m with derating factor

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**