



### Main

Range of product	Modicon X80
Product or component type	Power supply module
Product compatibility	All backplane
Function available	Temperature sensing Uptime duration Remaining lifetime Redundancy information Redundancy test
Primary voltage	100...240 V
Supply circuit type	AC
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	85...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Apparent power	0.07 kVA
Input current	0.52 A 240 V 1.04 A 115 V
Inrush current	<= 30 A 120 V <= 60 A 240 V
I <sup>2</sup> t on activation	<= 1 A <sup>2</sup> .s 120 V <= 3 A <sup>2</sup> .s 240 V
It on activation	<= 0.05 A.s 120 V <= 0.07 A.s 240 V
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 1.3 A 24 V DC I/O module power supply and processor

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
Product weight	1.12 lb(US) (0.51 kg)

## Environment

Immunity to microbreaks	<= 1 ms
Dielectric strength	1500 V primary/ground 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 500 V 24 V sensor output/ground
Vibration resistance	3 gn
IP degree of protection	IP20
Product certifications	CE CSA UL RCM Merchant Navy EAC
Standards	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	32...140 °F (0...60 °C)
Relative humidity	5...95 % without condensation 55 °C
Protective treatment	Conformal coating Humiseal 1A33 TC
Environmental characteristic	3C3 conforming to EN/IEC 60721-3-3 3C4 conforming to EN/IEC 60721-3-3
Operating altitude	0...6561.68 ft (0...2000 m) 2000...5000 m (with derating factor)

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1623 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available
Product end of life instructions	Available

Product Life Status

END OF COMMERCIALIZATION