



Main

Range of product	Modicon X80
Product or component type	Power supply module
Product compatibility	All backplane
Function available	Redundancy test Remaining lifetime Temperature sensing Uptime duration Redundancy information
Primary voltage	24...48 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	18...62.4 V
Input current	1.9 A 24 V 1 A 48 V
Inrush current	60 A 24 V 60 A 48 V
I ² t on activation	1.5 A ² .s 24 V 3.5 A ² .s 48 V
It on activation	<= 0.3 A.s 24 V <= 0.4 A.s 48 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	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
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
Cable distance between devices	10 m 15 m
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Product weight	0.81 kg

Environment

Immunity to microbreaks	1 ms
Dielectric strength	1500 V primary/ground 1500 V primary/secondary
IP degree of protection	IP20
Standards	IEC 61131-2 EN 61131-2
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation
Environmental characteristic	3C3 conforming to EN/IEC 60721-3-3 3C4 conforming to EN/IEC 60721-3-3

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0817 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual