



Main

Range of product	Modicon X80
Product or component type	Power supply module
Backplane compatibility	All backplane
Product specific application	For severe environments
Advanced diagnostics available via network	Remaining lifetime Temperature sensing Redundancy test Redundancy information Uptime duration
Primary voltage	100...240 V
Supply circuit type	AC
Secondary power	18 W 3.3 V DC -13...158 °F (-25...70 °C) I/O module logic power supply 40 W 24 V DC -13...158 °F (-25...70 °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 ² t on activation	1 A ² .S 120 V 3 A ² .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 1.67 A 24 V DC I/O module power supply and processor
Maximum power dissipation in W	8.5 W
Status LED	Presence of voltages (OK) 1 LED green) Redundancy OK 1 LED green) Power supply status 1 LED green)
Control type	RESET push-button cold restart
Electrical connection	1 connector 2 alarm relay 1 connector 5 line supply, protective earth
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Net weight	1.12 lb(US) (0.51 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 500 V 24 V sensor output/ground
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	RCM Merchant Navy CSA CE UL ATEX EAC IEC-Ex
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Relative humidity	5...95 % 131 °F (55 °C) without condensation
Protective treatment	Conformal coating
Environmental characteristic	Gas resistant class Gx Gas resistant class 3C4 Dust resistant class 3S4 Sand resistant class 3S4 Salt resistant level 2 Mold growth resistant class 3B2 Fungal spore resistant class 3B2
Operating altitude	0...6561.68 ft (0...2000 m) 2000...5000 m with derating factor

Ordering and shipping details

Category	18160 - MODICON M340
Discount Schedule	PC34
GTIN	03606480927577
Returnability	No
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to www.p65warnings.ca.gov
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.