



Main

Range of Product	Modicon X80
Product or Component Type	Power supply module
Backplane compatibility	All backplane
Advanced diagnostics available via network	Temperature sensing Redundancy test Uptime duration Redundancy information Remaining lifetime
Primary Voltage	100...240 V
Supply circuit type	AC
Secondary power	18 W 3.3 V DC 32...140 °F (0...60 °C) I/O module logic power supply 40 W 24 V DC 32...140 °F (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 ² t on activation	1 A ² .s 115 V 4 A ² .s 230 V
It on activation	0.1 A.s 115 V 0.15 A.s 230 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	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 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)

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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
Environmental characteristic	3C3 EN/IEC 60721-3-3 3C4 EN/IEC 60721-3-3
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 % 131 °F (55 °C) without condensation
Protective treatment	TC Conformal coating Humiseal 1A33
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	3606480927560
Nbr. of units in pkg.	1
Package weight(Lbs)	21.55 oz (611.0 g)
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.48 in (8.83 cm)
Package 1 width	6.96 in (17.68 cm)
Package 1 Length	9.85 in (25.019 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Weight	10.01 lb(US) (4.54 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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 cancer and birth defects or other 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

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
