



### Main

Range of product	Modicon X80
Product or component type	Power supply module
Backplane compatibility	All backplane
Advanced diagnostics available via network	Redundancy information Redundancy test Temperature sensing Remaining lifetime Uptime duration
Primary voltage	24...48 V
Supply circuit type	DC
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	18...62.4 V
Input current	1.9 A 24 V 1 A 48 V
Inrush current	60 A 48 V 60 A 24 V
I <sup>2</sup> t on activation	0.4 A <sup>2</sup> .s 24 V 1.9 A <sup>2</sup> .s 48 V
It on activation	0.05 A.s 24 V 0.08 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	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
Maximum cable distance between devices	32.81 Ft (10 m) 49.21 ft (15 m)
Insulation resistance	>= 100 MOhm primary/ground >= 100 MOhm primary/secondary
Net Weight	1.79 lb(US) (0.81 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Immunity to microbreaks	1 ms
Dielectric strength	1500 V primary/ground 1500 V primary/secondary
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
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	10...95 % without condensation

## Ordering and shipping details

Category	18160 - MODICON M340
Discount Schedule	PC34
GTIN	00785901786702
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	ID

## Packing Units

Package 1 Height	3.54 in (9.000 cm)
Package 1 width	7.09 in (18.000 cm)
Package 1 Length	9.84 in (25.000 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.