



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 ² t on activation	0.4 A ² .s 24 V 1.9 A ² .s 48 V
I _t on activation	0.05 A.s 24 V 0.08 A.s 48 V
MTBF reliability	752000 H
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
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)

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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
Environmental characteristic	3C3 IEC 60721-3-3 3C4 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	3606481179074
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.09 in (18 cm)
Package 1 Width	9.84 in (25 cm)
Package 1 Length	3.54 in (9 cm)
Package 1 Weight	23.28 oz (660 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	9.70 lb(US) (4.4 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	23.62 in (60 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	27.56 in (70 cm)
Package 3 Weight	95.24 lb(US) (43.2 kg)

Offer Sustainability

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)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.