



Main

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| 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 | Temperature sensing Uptime duration Redundancy test Remaining lifetime Redundancy information |
| Primary voltage | 24..48 V |
| Supply circuit type | DC |
| 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

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|--|---|
| 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 | 1 A ² .S 24 V 3 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 | 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

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|---------------------------------------|--|
| 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 2014/34/EU - ATEX directive 2012/19/EU - WEEE directive |
| Product certifications | CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEX zone 2/22 |
| Standards | EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 EN/IEC 61000-6-5 EN/IEC 61850-3 EN/IEC 60079-0 |
| Environmental characteristic | Gas resistant class Gx ISA S71.04 Gas resistant class 3C4 IEC 60721-3-3 Dust resistant class 3S4 IEC 60721-3-3 Sand resistant class 3S4 IEC 60721-3-3 Salt resistant level 2 IEC 68252 Mold growth resistant class 3B2 IEC 60721-3-3 Fungal spore resistant class 3B2 IEC 60721-3-3 Hazardous location class I division 2 |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Relative humidity | 10...95 % without condensation |
| Protective treatment | Conformal coating |

Ordering and shipping details

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|-----------------------|-----------------------|
| Category | 18160 - MODICON M340 |
| Discount Schedule | PC34 |
| GTIN | 03606481179081 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.64 lb(US) (0.29 kg) |
| Returnability | No |

Packing Units

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|------------------|----------------------|
| Package 1 Height | 3.54 in (90.000 mm) |
| Package 1 width | 7.09 in (180.000 mm) |
| Package 1 Length | 9.84 in (250.000 mm) |

Offer Sustainability

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|---------------------------|---|
| 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 |

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|----------------------------|--|
| 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. |