

BMXCPS4002H

power supply module X80 - 100..240 V AC - for severe environments



Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 2000.00 USD



Main

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|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product | Modicon X80 |
| Product or Component Type | Power supply module |
| Product Compatibility | All backplane |
| Product Specific Application | For severe environments |
| Function Available | 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

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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| I _t 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 |

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| 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

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|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Product certifications | CE UL CSA RCM EAC Merchant Navy |
| Standards | EN 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 |
| 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 | 5...95 % 131 °F (55 °C) without condensation |
| Protective treatment | Conformal coating |
| Operating altitude | 0...6561.68 ft (0...2000 m) 2000...5000 m with derating factor |

Ordering and shipping details

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|-----------------------|----------------------|
| Category | 18160 - MODICON M340 |
| Discount Schedule | PC34 |
| GTIN | 3606480927577 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 22.57 Oz (640 g) |
| Returnability | Yes |
| Country of origin | ID |

Packing Units

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|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.54 In (9 cm) |
| Package 1 width | 7.09 In (18 cm) |
| Package 1 Length | 9.84 In (25 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 8.47 Lb(US) (3.84 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) |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 48 |
| Package 3 Weight | 89.10 Lb(US) (40.416 kg) |
| Package 3 Height | 5.91 In (15 cm) |
| Package 3 width | 31.50 In (80 cm) |
| Package 3 Length | 23.62 In (60 cm) |

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 |
| 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. |

Product Life Status : **Commercialised**