

BMXCPS3522H

redundant power supply module X80 - 125 V DC -
for severe environments



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



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 | Temperature sensing Redundancy information Redundancy test Uptime duration Remaining lifetime |
| Primary voltage | 125 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 | 100...150 V |
| Input current | 600 MA 125 V |
| Inrush current | 60 A 125 V |
| I ² t on activation | 2.5 A ² .S 125 V |
| It on activation | 0.09 A.S 125 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 | 1.67 A 24 V DC I/O module power supply and processor 5 A 3.3 V DC I/O module logic power supply |
| 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 |

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| Insulation resistance | >= 100 MOhm primary/ground >= 100 MOhm primary/secondary |
| Net Weight | 1.34 Lb(US) (0.61 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 |
| 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 | 10...95 % without condensation |
| Protective treatment | Conformal coating |

Ordering and shipping details

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|-----------------------|----------------------|
| Category | 18160 - MODICON M340 |
| Discount Schedule | PC34 |
| GTIN | 3606481179104 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 26.10 Oz (740 g) |
| Returnability | No |

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 | 9.79 Lb(US) (4.44 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

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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**