



Main

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|------------------------------|---|
| Range of product | Modicon M340 automation platform |
| Product or component type | Power supply module |
| Backplane compatibility | Not compatible with BMEXBP..02 |
| Primary voltage | 24...48 V isolated |
| Supply circuit type | DC |
| Total useful secondary power | <= 31.2 W |
| Secondary power | 31.2 W 24 V DC I/O module power supply and processor 15 W 3.3 V DC I/O module logic power supply |

Complementary

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|------------------------------|---|
| Primary voltage limit | 18...62.4 V |
| Power supply input current | 1.65 A 24 V 0.83 A 48 V |
| Inrush current | 60 A 48 V 30 A 24 V |
| I ^t on activation | <= 3 A ² .s 48 V <= 1 A ² .s 24 V |
| It on activation | <= 0.3 A.s 48 V <= 0.2 A.s 24 V |
| Protection type | Short-circuit protection secondary circuit, 24 V sensor power supply Overvoltage protection secondary circuit, 24 V sensor power supply Overload protection secondary circuit, 24 V sensor power supply Internal fuse not accessible primary circuit |
| Current at secondary voltage | 4.5 A 3.3 V DC I/O module logic power supply 1.3 A 24 V DC I/O module power supply and processor |
| Power dissipation in W | <= 8.5 W |
| Status LED | 1 LED green rack voltage OK |
| Control type | RESET push-button cold restart |
| Electrical connection | 1 connector 5 pin(s) line supply, protective earth 1 connector 2 pin(s) alarm relay |
| Cable length | 15 m power supply cable copper 2.5 mm ² 10 m power supply cable copper 1.5 mm ² |
| Insulation resistance | >= 10 mOhm primary/secondary >= 10 mOhm primary/ground |
| Product weight | 0.34 kg |

Environment

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|---------------------------------------|---|
| Immunity to microbreaks | <= 1 ms |
| Dielectric strength | 1500 V primary/secondary 1500 V primary/ground |
| IP degree of protection | IP20 |
| Standards | IACS E10 |
| Ambient air temperature for storage | -40...85 °C |
| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 10...95 % without condensation |
| Protective treatment | TC |

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.

Offer Sustainability

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|-------------------------------|--|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0722 - Schneider Electric declaration of conformity |
| REACH | Reference contains SVHC above the threshold - go to CaP for more details |
| Product environmental profile | Available Download Product Environmental |

Modules Mounted on Racks

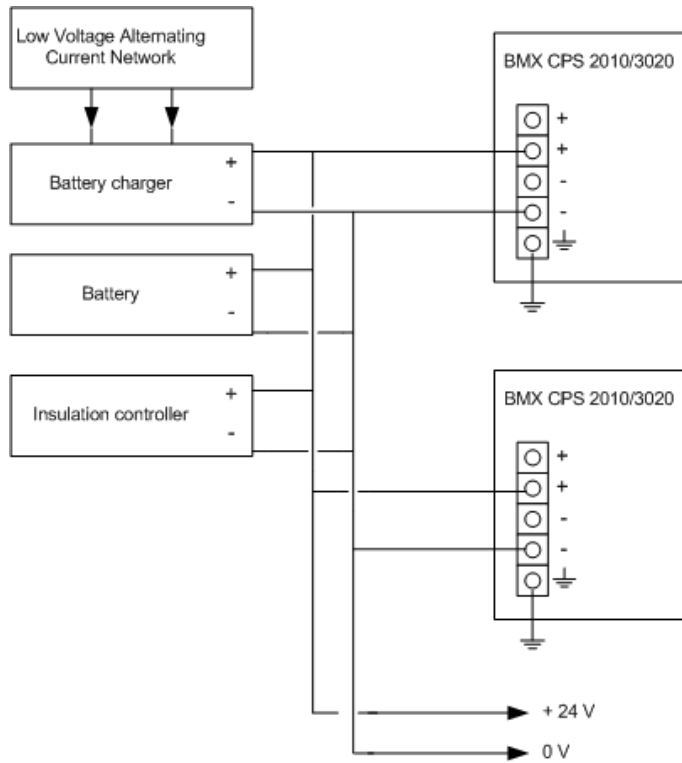
Dimensions



- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

| Rack references | a in mm | a in in. |
|----------------------------|---------|----------|
| BMXXBP0400 and BMXXBP0400H | 242.4 | 09.54 |
| BMXXBP0600 and BMXXBP0600H | 307.6 | 12.11 |
| BMXXBP0800 and BMXXBP0800H | 372.8 | 14.68 |
| BMXXBP1200 and BMXXBP1200H | 503.2 | 19.81 |

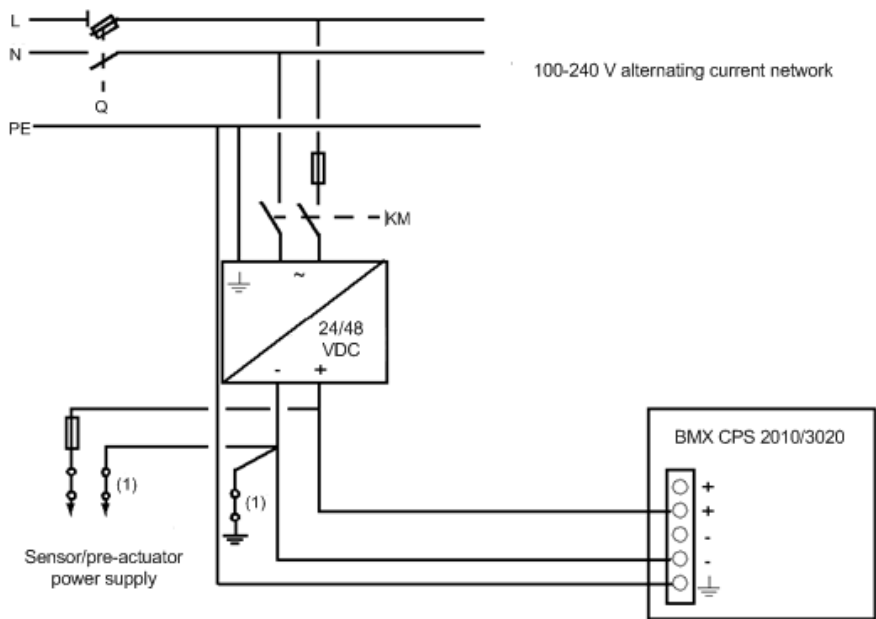
Connection of Direct Current Power Supply Modules to a 24 Vdc or 48 Vdc Floating Direct Current Network



24 VDC floating network for the power supply of sensors, actuators and input/out modules.

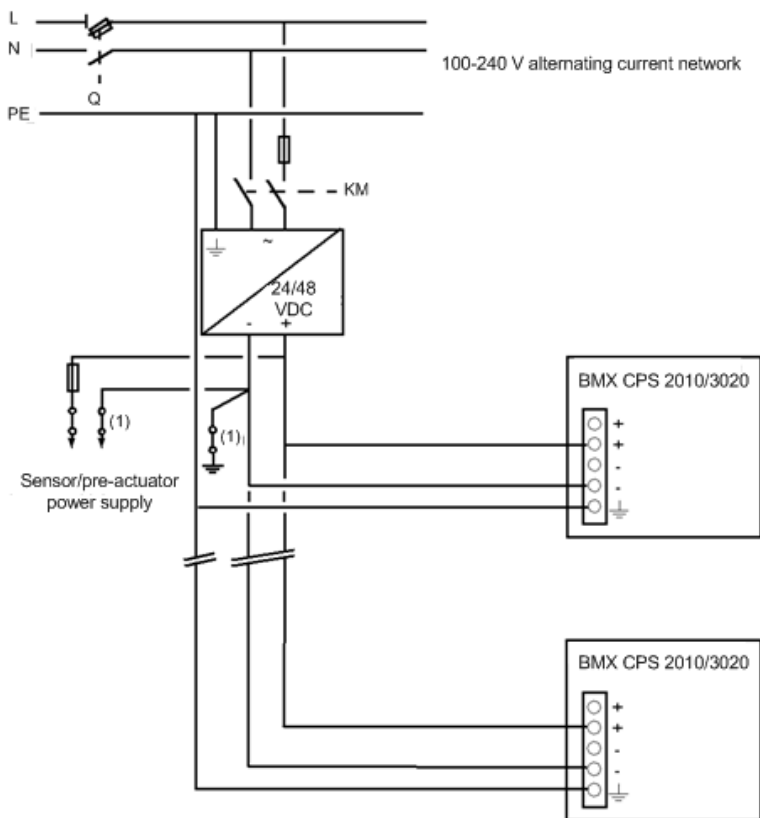
Connection of Direct Current Power Supply Modules to an Alternating Current Network

Connection of a Single Rack PLC Station



- Q General isolator
- KM Line contactor or circuit breaker
- (1) Insulation connector bar for locating grounding errors

Connection of a Multi-Rack PLC Station



- Q General isolator
- KM Line contactor or circuit breaker
- (1) Insulation connector bar for locating grounding errors