



Main

Range of product	Modicon M340 automation platform
Product or component type	Power supply module
Primary voltage	24...48 V isolated
Supply circuit type	DC
Total useful secondary power	<= 31.2 W
Secondary power	15 W 3.3 V DC I/O module logic power supply 31.2 W 24 V DC I/O module power supply and processor

Complementary

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

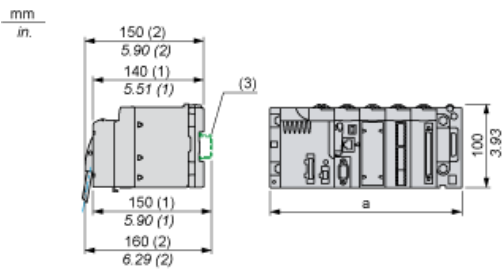
Environment

Immunity to microbreaks	<= 1 ms
Dielectric strength	1500 V primary/ground 1500 V primary/secondary
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 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.

Modules Mounted on Racks

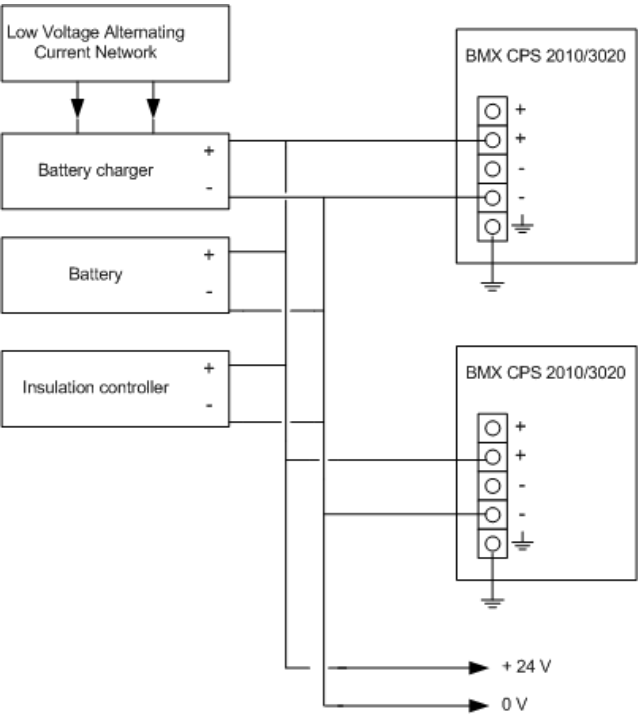
Dimensions



- (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.

	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	503.2	19.81

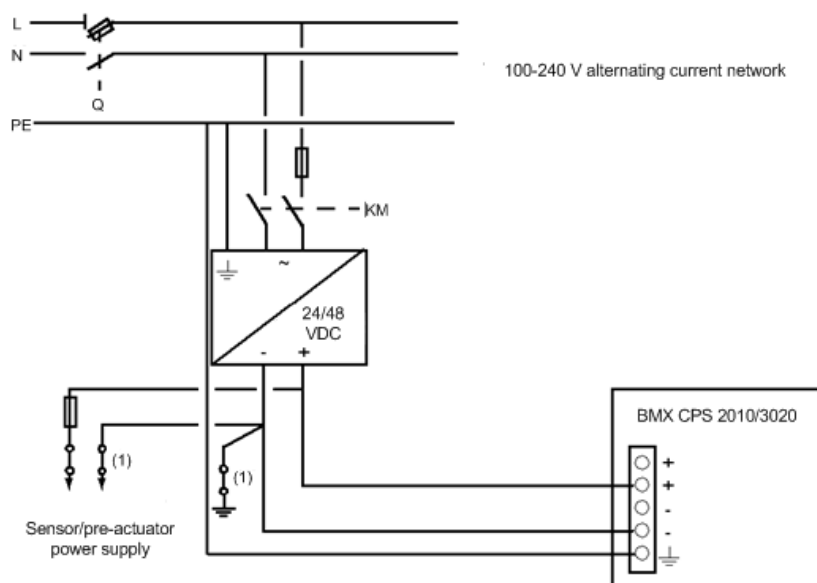
Connection of Direct Current Power Supply Modules to a 24 Vdc or 48 Vdc Floating Direct Current Network



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

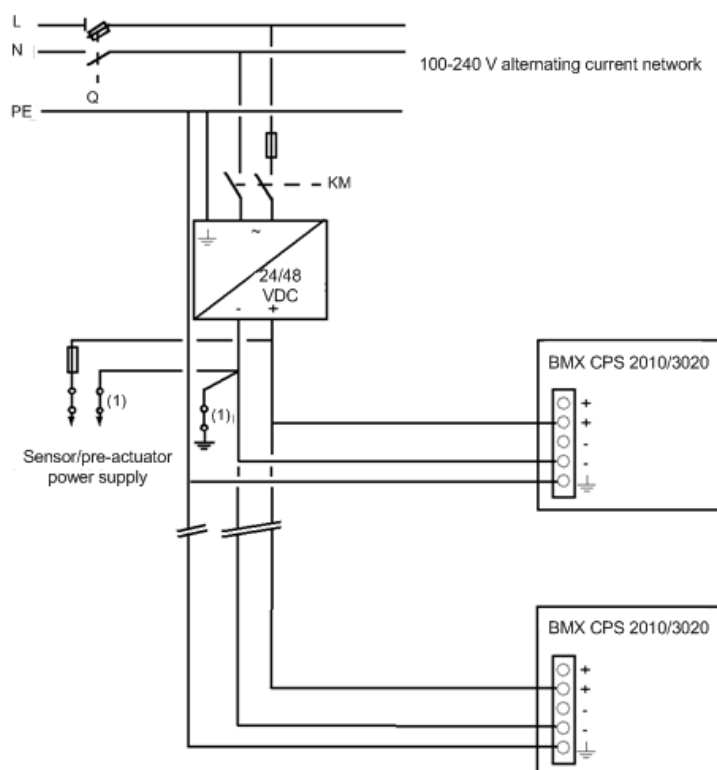
Connection of Direct Current Power Supply Modules to an Alternating Current Network

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