



Main

Commercial Status	Commercialised
Range of product	Modicon M340 automation platform
Product or component type	Power supply module
Primary voltage	100...240 V
Supply circuit type	AC
Total useful secondary power	<= 20 W
Secondary power	8.3 W 3.3 V DC I/O module logic power supply 16.8 W 24 V DC I/O module power supply and processor 10.8 W 24 V DC sensor power supply

Complementary

Primary voltage limit	85...264 V
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Apparent power	0.07 kVA
Power supply input current	0.61 A 115 V 0.31 A 240 V
Inrush current	<= 60 A 240 V <= 30 A 120 V
I _{pt} on activation	2...3 240 V
I _t on activation	<= 0.06 A.s 240 V <= 0.03 A.s 120 V
Protection type	Short-circuit protection secondary circuit Overvoltage protection secondary circuit Overload protection secondary circuit Internal fuse not accessible primary circuit
Current at secondary voltage	2.5 A 3.3 V DC I/O module logic power supply 0.7 A 24 V DC I/O module power supply and processor 0.45 A 24 V DC sensor power supply
Power dissipation in W	<= 8.5 W
Status LED	1 LED green sensor voltage 1 LED green rack voltage OK
Control type	RESET pushbutton cold restart
Electrical connection	1 connector 5 pin(s) line supply, protective earth, 24 V DC input sensor 1 connector 2 pin(s) alarm relay
Insulation resistance	>= 100 MOhm primary/secondary >= 100 MOhm primary/ground
Product weight	0.3 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

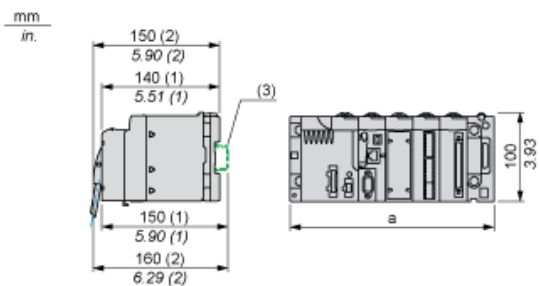
Immunity to microbreaks	<= 1 ms
Dielectric strength	500 V 24 V sensor output/ground 2300 V primary/secondary sensor power supply 1500 V primary/secondary I/O module power supply and processor 1500 V primary/secondary I/O module logic power supply 1500 V primary/ground
IP degree of protection	IP20
Standards	EN 61131-2 IEC 61131-2
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	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
Product end of life instructions	Need no specific recycling operations

Modules Mounted on Racks

Dimensions

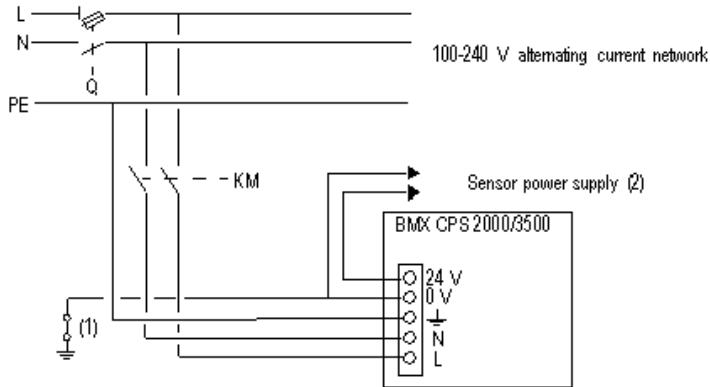


- (1) With removable terminal block (cage, screw or spring).
- (2) With FCN connector.
- (3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

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

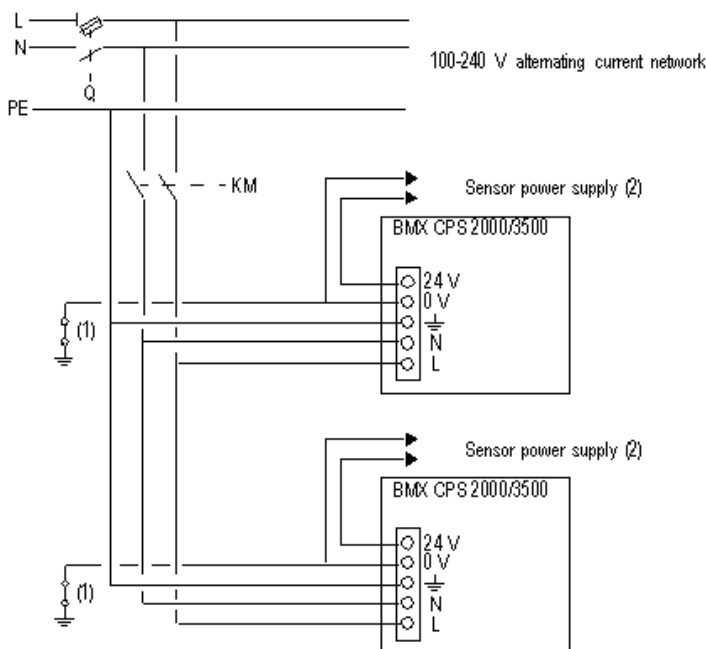
Connection of Alternating Current Power Supply Modules

Connection of a PLC Station Constituted of a Single Rack



- Q General isolator
- KM Line contactor or circuit breaker
- (1) Insulation connector bar for locating grounding errors
- (2) Available current of 0.45 A for the BMXCPS2000 module or 0.9 A for the BMXCPS3500 module

Connection of a PLC Station Constituted of Several Racks



- Q General isolator
- KM Line contactor or circuit breaker
- (1) Insulation connector bar for locating grounding errors
- (2) Available current of 0.45 A for the BMXCPS2000 module or 0.9 A for the BMXCPS3500 module