



## Main

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	≤ 36 W
Secondary power	15 W 3.3 V DC I/O module logic power supply 21,6 W 24 V DC sensor power supply 31,2 W 24 V DC I/O module power supply and processor
Electrical connection	1 connector 2 alarm relay 1 connector 5 line supply, protective earth, 24 V DC input sensor
Ambient air temperature for operation	0...60 °C
Protective treatment	TC

## 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	0,52 A 240 V 1,04 A 115 V
Inrush current	≤ 30 A 120 V ≤ 60 A 240 V
I <sup>2</sup> t on activation	≤ 1 A <sup>2</sup> .s 120 V ≤ 3 A <sup>2</sup> .s 240 V
I <sub>t</sub> 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
Current at secondary voltage	0,9 A 24 V DC sensor power supply 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 1 LED green sensor voltage
Control type	RESET pushbutton cold restart
Insulation resistance	≥ 100 MOhm primary/secondary ≥ 100 MOhm primary/ground
Product weight	0,36 kg

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## Environment

Immunity to microbreaks	≤ 1 ms
Dielectric strength	500 V 24 V sensor output/ground 1500 V primary/secondary I/O module logic power supply 1500 V primary/secondary I/O module power supply and processor 1500 V primary/ground 2300 V primary/secondary sensor power supply
IP degree of protection	IP20
Standards	EN 61131-2 IEC 61131-2
Ambient air temperature for storage	-40...85 °C
Relative humidity	10...95 % without condensation
RoHS EUR conformity date	0722
RoHS EUR status	Compliant