



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 24 V <= 3 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

Offer Sustainability

Sustainable offer status	Green Premium product
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RoHS	Compliant - since 0722 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations