



## Main

Range of product	Modicon Power Supply
Product or component type	Power supply
Power supply type	Regulated switch mode
Input voltage	100...120 V AC single phase, terminal(s): N-L1 200...500 V AC phase to phase, terminal(s): L1-L2
Input voltage limits	170...550 V AC 85...132 V AC
Rated power in W	72 W
Output voltage	24 V DC
Power supply output current	3 A
Permissible temporary current boost	1.5 x I <sub>n</sub> (for 4 s)
Anti-harmonic filter	Low frequency harmonic currents

## Complementary

Inrush current	30 A
[U <sub>e</sub> ] rated operational voltage	240 V AC 0.51 120 V AC 0.59
Efficiency	87 %
Output voltage limits	24...28.8 V adjustable
Power dissipation in W	7.8 W
Provided equipment	Power factor correction filter conforming to IEC 61000-3-2
Output protection type	Against overload, protection technology: manual or automatic reset Against overvoltage, protection technology: 30...32 V, manual reset Against short-circuits, protection technology: manual or automatic reset Against undervoltage, protection technology: tripping if U < 21.6 V Thermal, protection technology: automatic reset
Connections - terminals	Screw type terminals: 3 x 0.5...3 x 4 mm <sup>2</sup> , (AWG 22...AWG 12) for input connection Screw type terminals: 1 x 0.5...1 x 4 mm <sup>2</sup> , (AWG 22...AWG 12) for input ground-connection Screw type terminals: 4 x 0.5...4 x 4 mm <sup>2</sup> , (AWG 22...AWG 12) for output connection Screw type terminals: 1 x 0.5...1 x 4 mm <sup>2</sup> , (AWG 22...AWG 12) for output ground-connection
Status LED	1 LED (green and red)output voltage: 1 LED (green, red and orange)output current:
Depth	125 Mm
Height	125 Mm
Width	45 Mm
Net weight	0.3 Kg

Output coupling	Parallel Series
Marking	CE
Mounting support	35 x 15 mm symmetrical DIN rail 35 x 7.5 mm symmetrical DIN rail
Operating position	Vertical

## Environment

Standards	CSA C22.2 No 60950-1 UL 508
Product certifications	CCSAus EAC UL RCM KC
Environmental characteristic	EMC conforming to EN 61000-6-1 EMC conforming to EN 61000-6-3 EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN/IEC 61000-6-4 EMC conforming to EN/IEC 61204-3 Safety conforming to EN/IEC 60950-1 Safety conforming to EN/IEC 61204-3 Safety conforming to SELV
Operating altitude	2000 m
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	50...60 °C (with derating factor) -25...50 °C (without)
Ambient air temperature for storage	-40...70 °C
Relative humidity	0...90 % during operation 0...95 % in storage
Dielectric strength	3500 V between input and ground 4000 V between input and output 500 V between output and ground

## Packing Units

Package 1 Weight	0.776 Kg
Package 1 Height	0.650 Dm
Package 1 width	1.650 Dm
Package 1 Length	1.450 Dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**