

Power supply unit - EMG 45-NZG/G12/SI - 2954976


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Voltage regulator module with fixed-voltage regulator, input 16 V-21 V AC/19 V-30 V DC, output 12 V DC/1 A



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 117863
GTIN	4017918117863

Technical data

Dimensions

Width	45 mm
Height	86 mm
Depth	75 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C

Input data

Nominal input voltage	18 V AC 10 %
Nominal input voltage range	18 V AC ... 19.8 V AC
AC frequency range	60 Hz ... 50 Hz
Nominal power consumption	approx. 41 VA
Input fuse	1.25 A (normal-blow (5 x 20))

Output data

Nominal output voltage	12 V DC ±4 %
Nominal output current (I _N)	1 A
Residual ripple	≤ 150 mV _{PP}

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Output data

Type of protection	Thermo-electronic disconnect
Protective circuit/component	Varistor

General

Net weight	178 g
Operating voltage display	Green LED
Operating mode	100% operating factor
Degree of protection	IP20
Mounting position	vertical, horizontal
Assembly instructions	Can be aligned with spacing = 5 mm

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
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