

EMG 30-NZG/G12/SI


Order No.: 2943916



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2943916>

Voltage regulator module with fixed-voltage regulator, input 16 V-21 V AC/19 V-30 V DC, output 12 V DC/0.5 A



Commercial data	
GTIN (EAN)	 4 017918 131203
sales group	H093
Pack	1 pcs.
Customs tariff	85044082

Product notes

WEEE/RoHS-compliant since:
10/26/2006



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Technical data

Input data

Nominal input voltage	18 V AC 10%
	19 V DC ... 25 V DC

AC frequency range	60 Hz ... 50 Hz
Nominal power consumption	Approx. 20 VA
Input fuse	0.63 A (normal-blow (5 x 20))

Output data

Nominal output voltage	12 V DC $\pm 4\%$
Output current	0.5 A
Residual ripple	≤ 60 mV _{PP}
Type of protection	Thermo-electronic disconnect
Protective circuit/component	Varistor

General data

Width	32 mm
Height	67.1 mm
Depth	75 mm
Net weight	115 g
Operating voltage display	Green LED
Operating mode	100% operating factor
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Mounting position	Vertical, horizontal
Assembly instructions	Can be aligned with spacing = 5 mm

Connection data, input

Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

Connection data, output

Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm ²

Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm

Certificates / Approvals



Certification GOST

Accessories

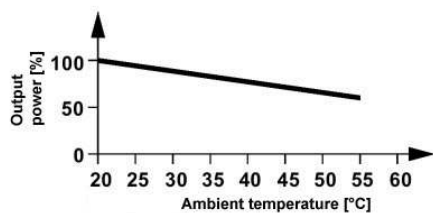
Item	Designation	Description
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Marking

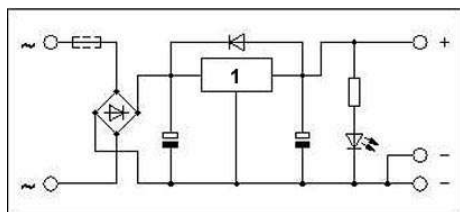
2947035	EMG-GKS 12	Equipment marker, width 12 mm
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Diagrams/Drawings

Diagram



Circuit diagram



1 = regulator

Address

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