



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# EMG 30-NZG/G24/SI

Order No.: 2943932




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2943932>

Voltage regulator module with fixed-voltage regulator, input 24 V-29 V AC/ 28 V-38 V DC, output 24 V DC/0.5 A



## Commercial data

GTIN (EAN)	 4 017918 081409
sales group	H043
Pack	1 pcs.
Customs tariff	85044082

## Product notes

WEEE/RoHS-compliant since:  
04/02/2007



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Input data

Nominal input voltage	27 V AC 5%
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	24 V DC $\pm$ 4%
Output current	0.5 A
Residual ripple	$\leq$ 60 mV <sub>pp</sub>
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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>

Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm

**Certificates / Approvals**



Certification GOST

**Accessories**

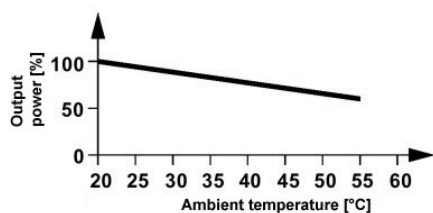
Item	Designation	Description
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**Marking**

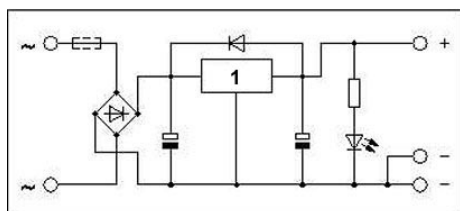
2947035	EMG-GKS 12	Equipment marker, width 12 mm
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**Diagrams/Drawings**

Diagram



Circuit diagram



1 = regulator

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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