

EMG 75-NZG/G24/2

Order No.: 2942454



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2942454>

Voltage regulator module, secondary switched-mode, default, input
24.5 V-29 V AC/ 27 V-30 V DC, output 24 V DC/2 A

Commercial data

EAN	4017918080747
Pack	1 Pcs.
Customs tariff	85044081
Weight/Piece	0.282 KG

Product notes

WEEE/RoHS-compliant since:
04/01/2007



[http://
www.download.phoenixcontact.com](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	24.5 V AC ... 29 V AC
AC frequency range	50 Hz ... 60 Hz
Nominal power consumption	Approx. 60 VA
Input fuse	4 A (slow-blow TR 5, internal, solderable)

Output data

Nominal output voltage	24 V DC ± 2 % (settable from 5.1 V DC ... 24.5 V DC)
Output current	2 A
Residual ripple	≤ 400 mV _{pp}
Name of protection	Electronic current limitation at 2.8 A
Protective circuit/component	Varistor

General data

Width	75 mm
Height	70.5 mm
Depth	75 mm
Weight	320 g
Operating voltage display	LED green
Operating mode	100% operating factor
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Mounting position	On horizontal DIN rail
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	M 3

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

Approval logo



requested approbations

Certification	CUL, GOST, UL
---------------	---------------

Accessories

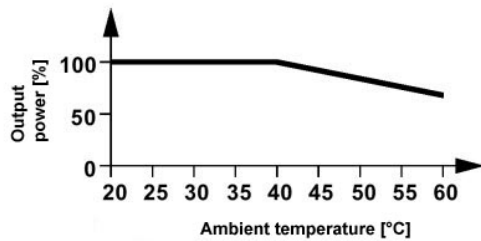
Item	Designation	Description
------	-------------	-------------

Marking

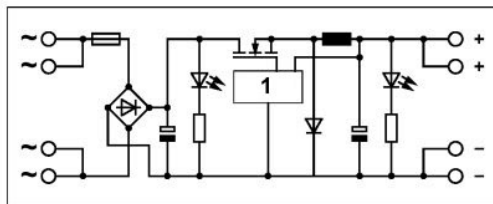
2947035	EMG-GKS 12	Equipment marker, width 12 mm
---------	------------	-------------------------------

Drawings

Diagram



Circuit diagram



1 = switched-mode regulator

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2008 Phoenix Contact
Technical modifications reserved;