

## 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	0.297 KG

### Product notes

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



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### 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 $\pm 2$ % (settable from 5.1 V DC ... 24.5 V DC)
Output current	2 A
Residual ripple	$\leq 400$ mV <sub>pp</sub>
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 <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 CUL, GOST, UL

**Accessories**

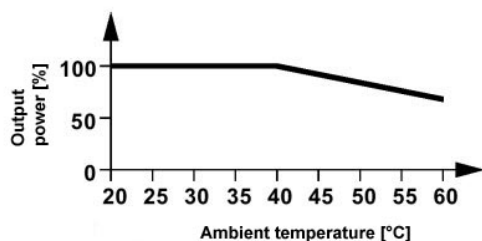
Item	Designation	Description
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**Marking**

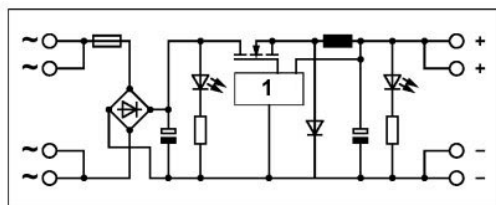
2947035	EMG-GKS 12	Equipment marker, width 12 mm
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**Diagrams/Drawings**

Diagram



Circuit diagram



1 = switched-mode regulator

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