

# Power supply unit - EMG 75-NZG/G24/2 - 2942454


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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



## Key commercial data

Packing unit	1 pc
GTIN	 4 017918 080747
Weight per Piece (excluding packing)	282.2 g
Custom tariff number	85044082
Country of origin	Germany

## Technical data

### Dimensions

Width	75 mm
Height	70.5 mm
Depth	75 mm

### Ambient conditions

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

### Input data

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>

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## Technical data

### Output data

Type of protection	Electronic current limitation at 2.8 A
Protective circuit/component	Varistor

### General

Net weight	320 g
Operating voltage display	Green LED
Operating mode	100% operating factor
Mounting position	On horizontal DIN rail
Assembly instructions	Can be aligned with spacing = 5 mm

### Connection data, input

Connection method	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

Connection method	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

## Classifications

### eCl@ss

eCl@ss 4.0	27040702
eCl@ss 4.1	27040702
eCl@ss 5.0	27242213
eCl@ss 5.1	27242213
eCl@ss 6.0	27049003
eCl@ss 7.0	27049003
eCl@ss 8.0	27049003

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## Classifications

### ETIM

ETIM 2.0	EC001039
ETIM 3.0	EC001039
ETIM 4.0	EC002045
ETIM 5.0	EC002045

### UNSPSC

UNSPSC 6.01	30211502
UNSPSC 7.0901	39121004
UNSPSC 11	39121004
UNSPSC 12.01	39121004
UNSPSC 13.2	39121004

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details


UL Recognized
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cUL Recognized
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GOST
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## Approvals

cULus Recognized 

## Accessories

### Accessories

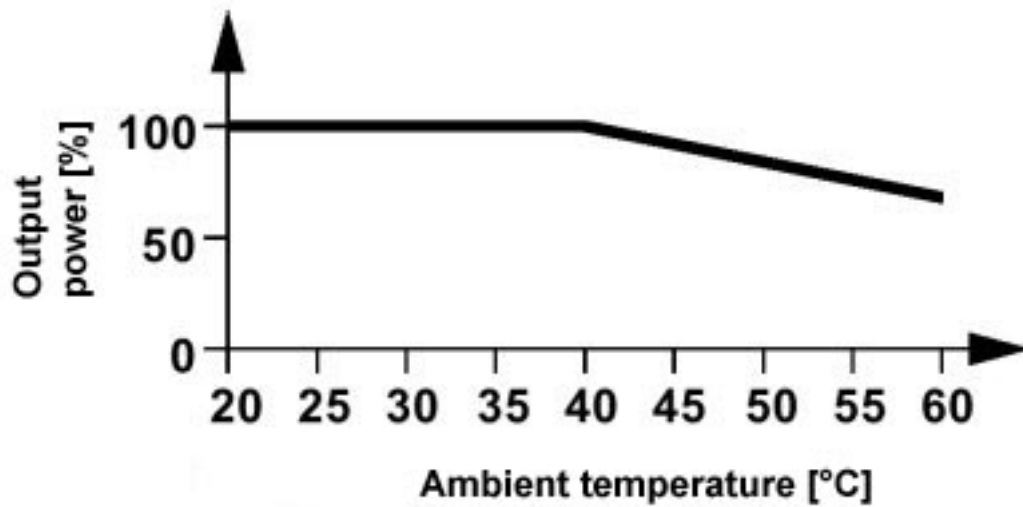
Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

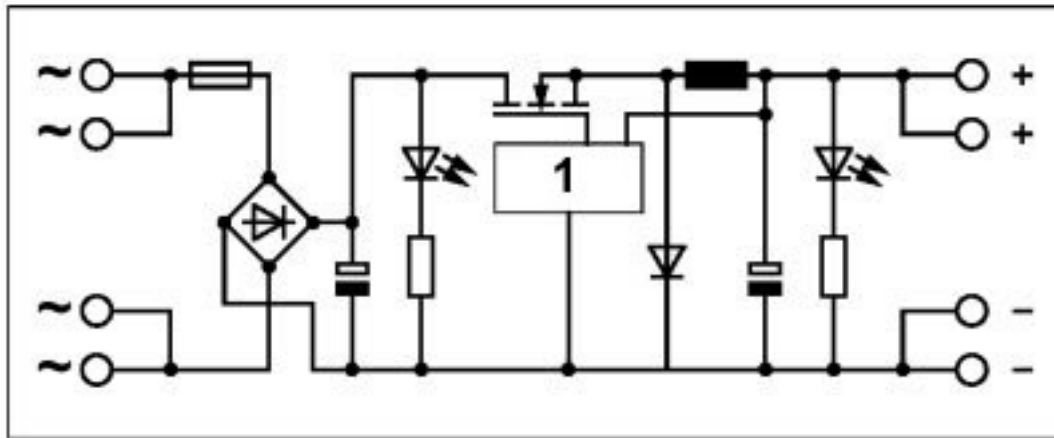
## Drawings

Diagram



## Power supply unit - EMG 75-NZG/G24/2 - 2942454

Circuit diagram



1 = switched-mode regulator