

## Power supply unit - EMG 75-NZG/G 5/2 - 2941060


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Voltage regulator module, secondary switched-mode, default, input 10 V-29 V AC/ 12 V-30 V DC, output 5,1 V DC/2 A



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 104542
Weight per Piece (excluding packing)	286.9 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

Nominal input voltage range	10 V AC ... 29 V AC
Input voltage range	12 V DC ... 30 V DC
AC frequency range	50 Hz ... 60 Hz
Nominal power consumption	approx. 60 VA

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### Technical data

#### Input data

Input fuse	4 A (slow-blow TR 5, internal, solderable)
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#### Output data

Nominal output voltage	5 V DC $\pm 2\%$ (settable from 5.1 V DC ... 24.5 V DC)
Nominal output current ( $I_N$ )	2 A
Residual ripple	$\leq 400$ mV <sub>PP</sub>
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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
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## 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

### 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

EAC

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Ex Approvals

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Approvals submitted

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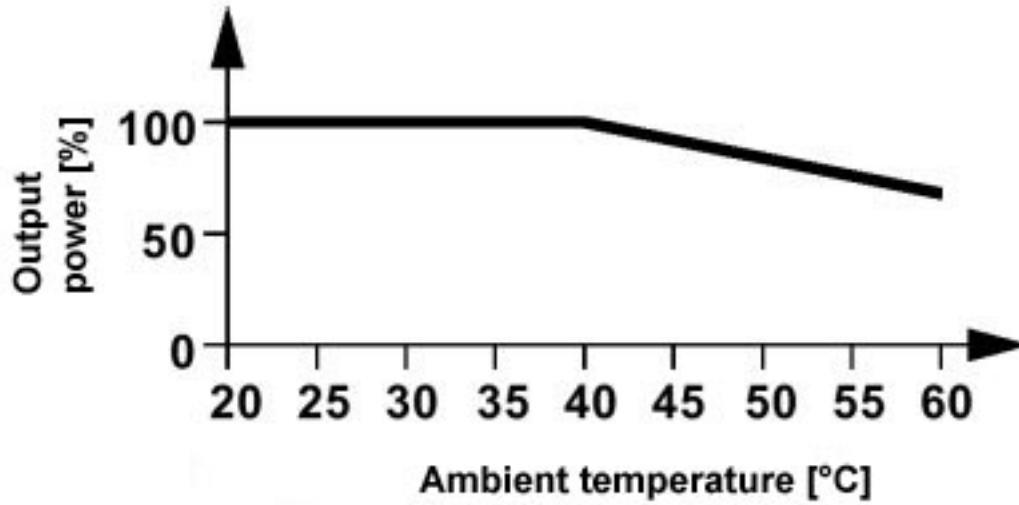
### Approval details

EAC
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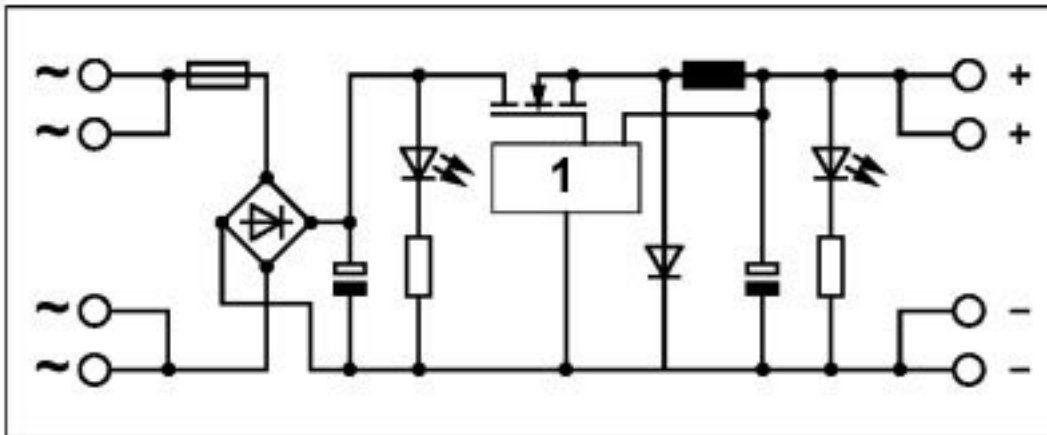
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## Drawings

Diagram



Circuit diagram



1 = switched-mode regulator