

## 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
GTIN	4017918080747

### 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	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)
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

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## Technical data

### Output data

Protective circuit/component	Varistor
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### General

Net weight	320 g
Operating voltage display	Green LED
Operating mode	100% operating factor
Degree of protection	IP20
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>
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Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	8 mm
Screw thread	M3

### Standards and Regulations

Connection in acc. with standard	CUL
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