

Power supply unit - EMG 75-NZG/G12/2 - 2941057


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Voltage regulator module, secondary switched-mode, default, input 17 V-29 V AC/ 23 V-30 V DC, output 12 V DC/2 A



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 104535 |
| GTIN | 4017918104535 |

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 | 17 V AC ... 29 V AC |
| Input voltage range | 23 V DC ... 30 V DC |
| 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 | 12 V DC $\pm 2\%$ (settable from 5.1 V DC ... 24.5 V DC) |
| Nominal output current (I_N) | 2 A |
| Residual ripple | ≤ 400 mV _{PP} |

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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 |
| 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| 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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