

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



2942454

<https://www.phoenixcontact.com/us/products/2942454>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

Item number	2942454
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CM11
Product key	CMPL93
GTIN	4017918080747
Weight per piece (including packing)	290.1 g
Weight per piece (excluding packing)	278.2 g
Customs tariff number	85044082
Country of origin	DE

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



2942454

<https://www.phoenixcontact.com/us/products/2942454>

Technical data

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	≤ 400 mV _{PP}
Protective circuit	Electronic current limitation at 2.8 A; Varistor

Connection data

Input

Connection method	Screw connection
Conductor cross section, rigid min.	0.2 mm ²
Conductor cross section, rigid 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

Output

Connection method	Screw connection
Conductor cross section, rigid min.	0.2 mm ²
Conductor cross section, rigid 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

Signaling

Operating voltage display	Green LED
---------------------------	-----------

Product properties

Product type	Power supply
Operating mode	100% operating factor

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



2942454

<https://www.phoenixcontact.com/us/products/2942454>

Dimensions

Width	75 mm
Height	70.5 mm
Depth	75 mm

Mounting

Assembly instructions	Can be aligned with spacing = 5 mm
Mounting position	On horizontal DIN rail

Environmental and real-life conditions

Ambient conditions

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

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com