

EMG 75-NZG/G15/2 - Power supply



2941044

<https://www.phoenixcontact.com/us/products/2941044>

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 19.5 V-29 V AC/ 27 V-30 V DC, output 15 V DC/2 A

Commercial data

Item number	2941044
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CM11
Product key	CMPL92
GTIN	4017918104528
Weight per piece (including packing)	320 g
Weight per piece (excluding packing)	320 g
Customs tariff number	85044082
Country of origin	DE

EMG 75-NZG/G15/2 - Power supply



2941044

<https://www.phoenixcontact.com/us/products/2941044>

Technical data

Product properties

Operating mode	100% operating factor
----------------	-----------------------

Input data

Nominal input voltage range	19.5 V AC ... 29 V AC
Input voltage range	27 V DC ... 30 V DC
Input voltage range DC	27 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	15 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
---------------------------	-----------

EMG 75-NZG/G15/2 - Power supply



2941044

<https://www.phoenixcontact.com/us/products/2941044>

Dimensions

Width	75 mm
Height	70.5 mm
Depth	75 mm

Environmental and real-life conditions

Ambient conditions

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

Mounting

Assembly note	can be aligned with spacing = 5 mm
Mounting position	On horizontal DIN rail

EMG 75-NZG/G15/2 - Power supply

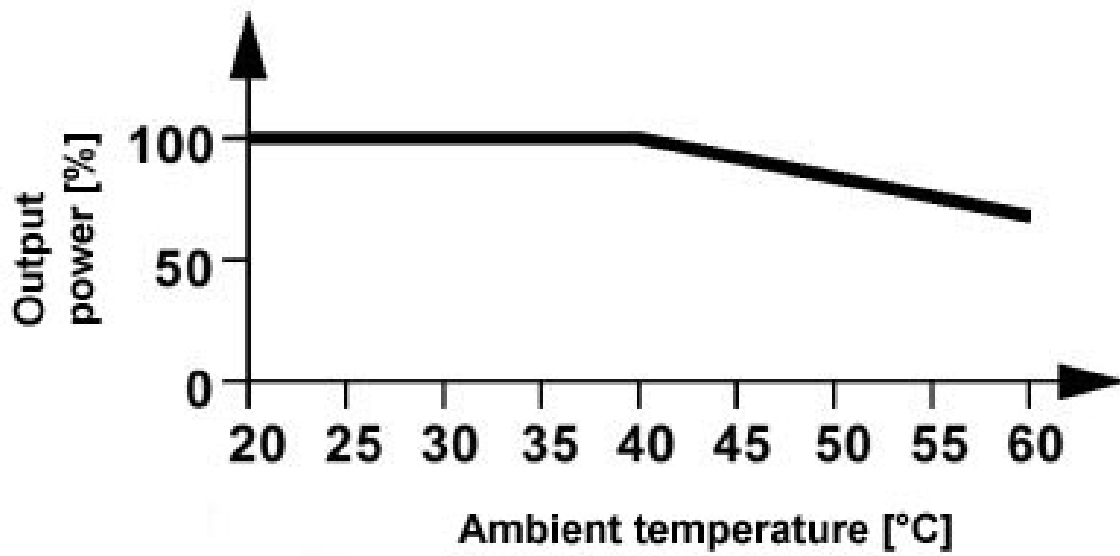


2941044

<https://www.phoenixcontact.com/us/products/2941044>

Drawings

Diagram

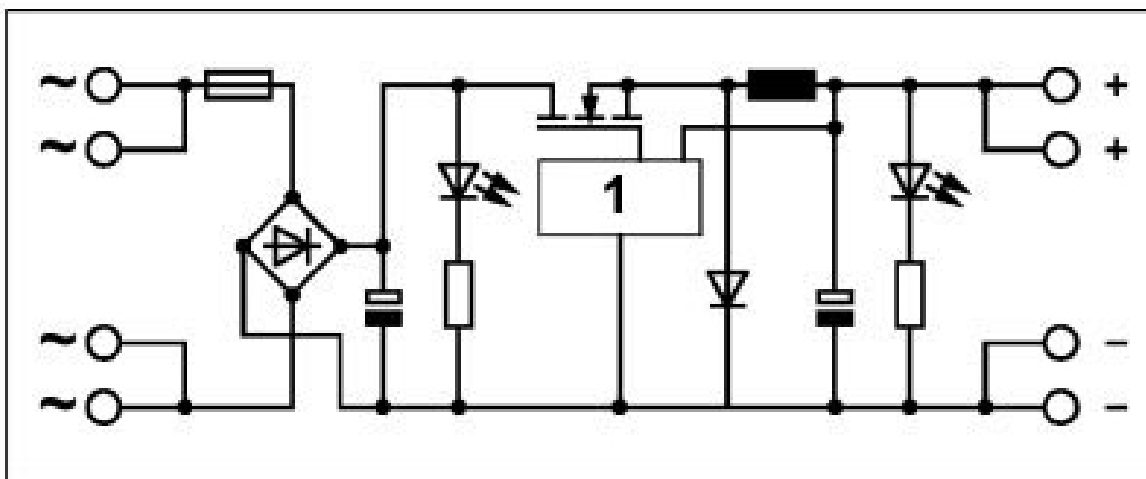


EMG 75-NZG/G15/2 - Power supply

2941044

<https://www.phoenixcontact.com/us/products/2941044>

Circuit diagram



1 = switched-mode regulator

EMG 75-NZG/G15/2 - Power supply



2941044

<https://www.phoenixcontact.com/us/products/2941044>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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