

# TP-NEF/20 - Line filters



2901986

<https://www.phoenixcontact.com/us/products/2901986>

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.



Secondary mains filter, with push-in spring-cage connection, for mounting on NS 35/7,5 or NS 32

## Commercial data

Item number	2901986
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CMPQZY
GTIN	4046356641920
Weight per piece (including packing)	680.7 g
Weight per piece (excluding packing)	68.3 g
Country of origin	DE

## Technical data

### Product properties

#### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	24 V DC
Max. total current of voltage supply	26 A
Rated insulation voltage	50 V
Rated surge voltage	2.5 kV (Basic insulation)

### Connection data

#### Input

Connection method	Push-in connection
Number of positions	3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 8

#### Output

Connection method	Push-in connection
Number of positions	3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 8

### Dimensions

#### Item dimensions

Width	40 mm
Height	115 mm
Depth	130 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
---------------------------------	------------------

### Standards and regulations

Standards/regulations	DIN EN 50178
-----------------------	--------------

### Mounting

# TP-NEF/20 - Line filters

2901986

<https://www.phoenixcontact.com/us/products/2901986>



Mounting position	any
-------------------	-----

## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-25 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
--	--

### 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](mailto:info@phoenixcon.com)