

# EM-DUO 120/15 - Socket



5600461

<https://www.phoenixcontact.com/us/products/5600461>

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.

Socket, color: ivory, standards/specifications: UL 508, CSA 22.2



## Commercial data

Item number	5600461
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4017918929930
Weight per piece (including packing)	249.5 g
Weight per piece (excluding packing)	203.4 g
Customs tariff number	85366990
Country of origin	US

# EM-DUO 120/15 - Socket

5600461

<https://www.phoenixcontact.com/us/products/5600461>

## Technical data

### Notes

#### Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
---------	--

### Product properties

Product type	Socket
For country-specific use in	USA
	Canada
	Mexico
	Bahamas
	Bermuda
	Columbia
	Costa Rica
	Ecuador
	El Salvador
	Panama
	Puerto Rico
	Taiwan
	Venezuela
Virgin Islands	

### Dimensions

Dimensional drawing	
Width	82 mm
Height	135 mm
Depth	135 mm

### Material specifications

Color	ivory (RAL 1014)
Flammability rating according to UL 94	V0
Insulating material	Polycarbonate & ABS blend
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE	130 °C

# EM-DUO 120/15 - Socket



5600461

<https://www.phoenixcontact.com/us/products/5600461>

0304-21))	
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

### Standards

Standards/regulations	UL 508
	CSA 22.2

# EM-DUO 120/15 - Socket

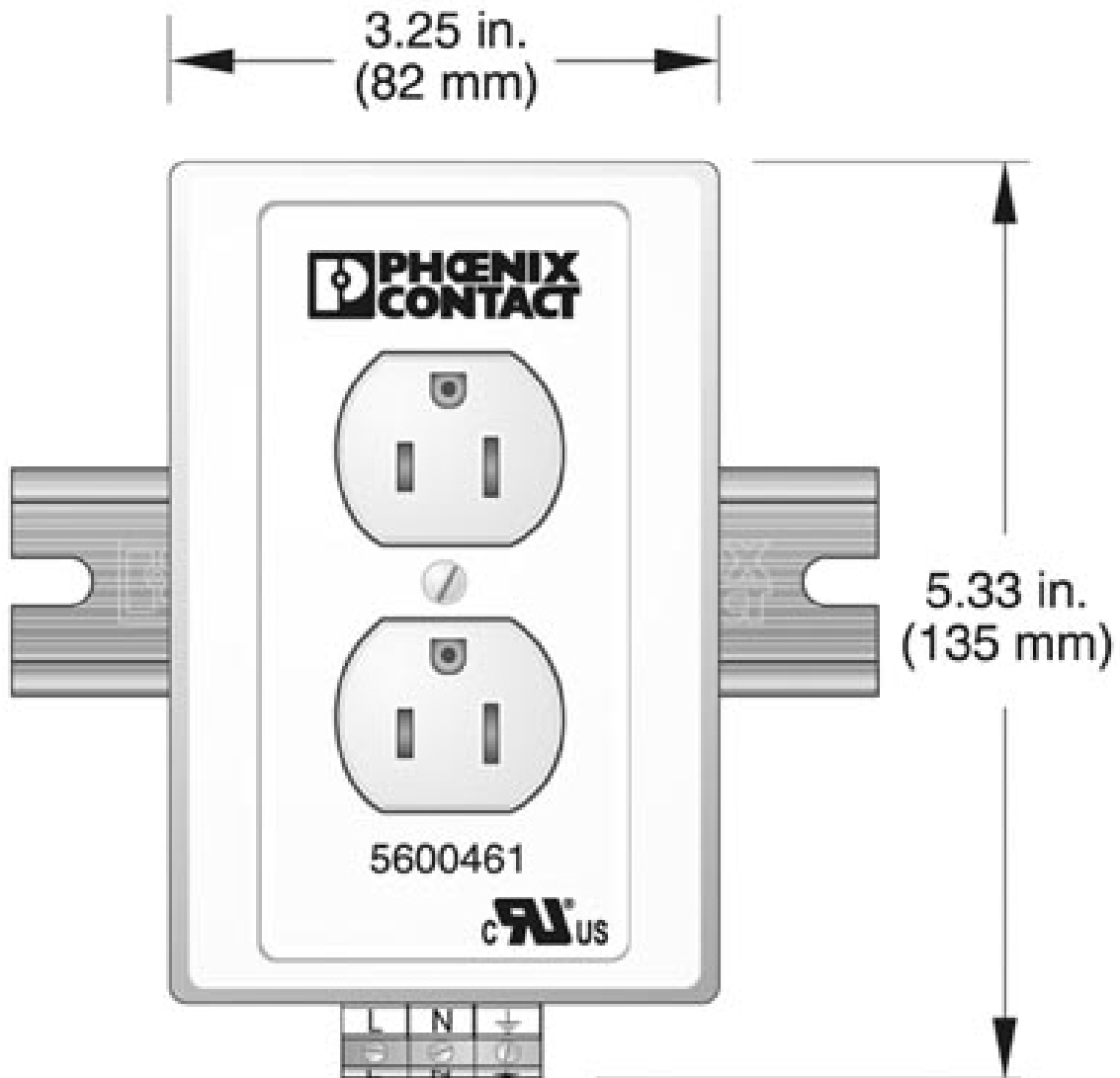


5600461

<https://www.phoenixcontact.com/us/products/5600461>

## Drawings

Dimensional drawing



Front view

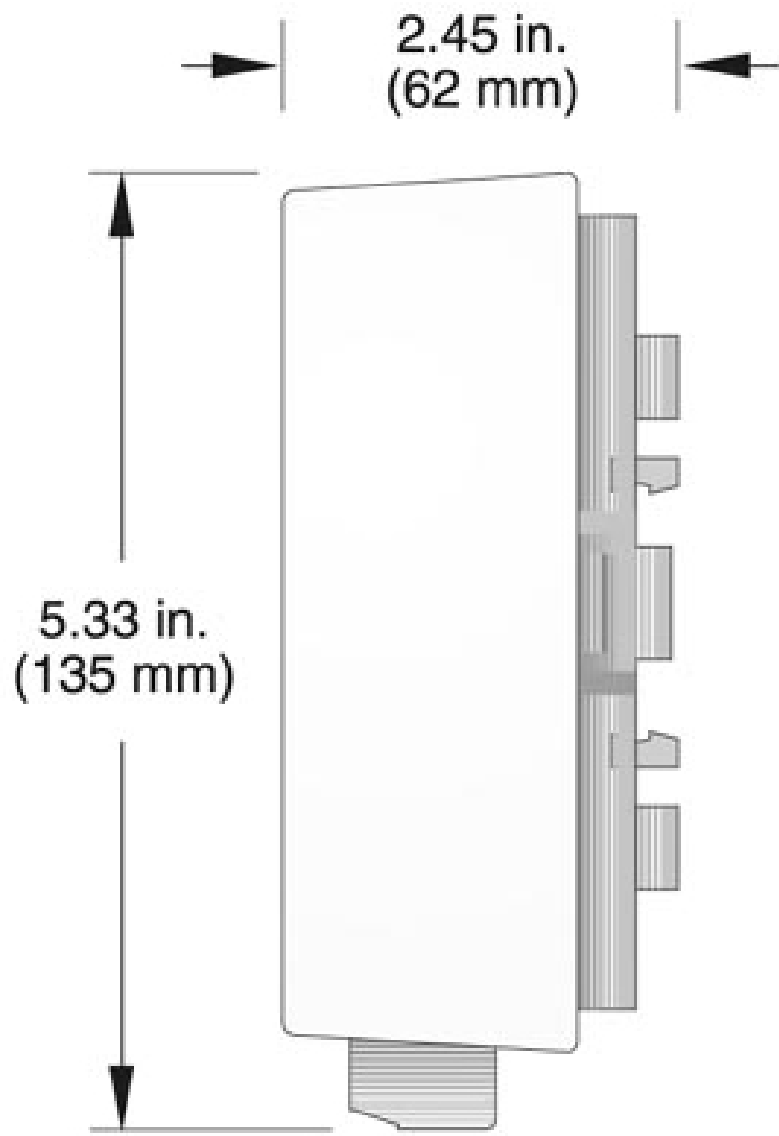
# EM-DUO 120/15 - Socket

5600461

<https://www.phoenixcontact.com/us/products/5600461>



Dimensional drawing



Side view

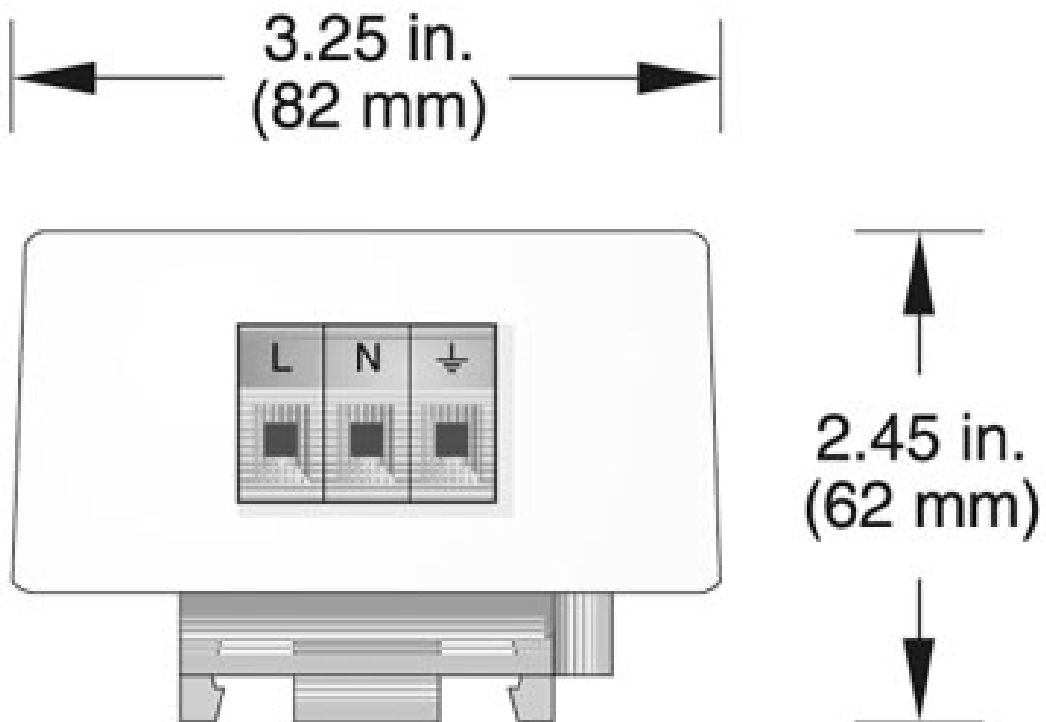
# EM-DUO 120/15 - Socket

5600461

<https://www.phoenixcontact.com/us/products/5600461>



Dimensional drawing



Bottom view

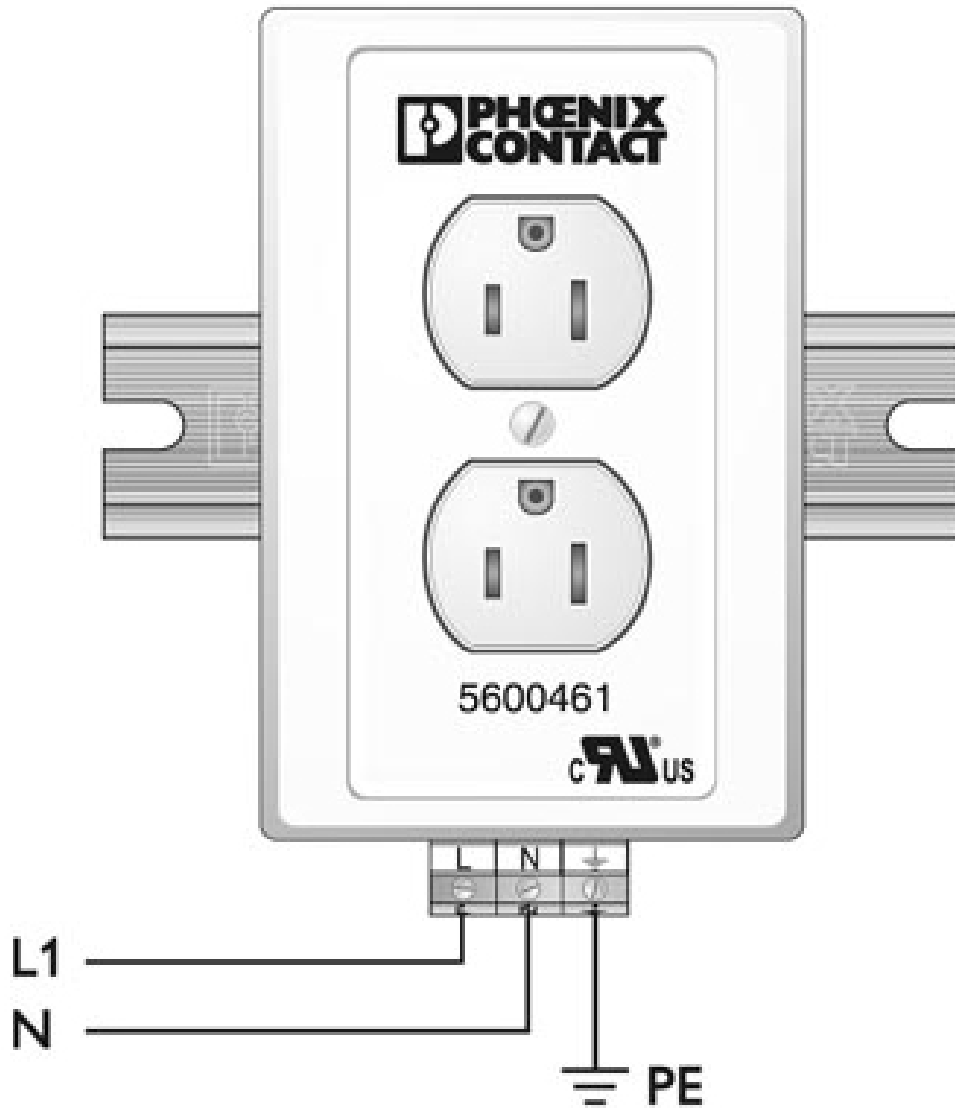
# EM-DUO 120/15 - Socket

5600461

<https://www.phoenixcontact.com/us/products/5600461>



Connection diagram



# EM-DUO 120/15 - Socket



5600461

<https://www.phoenixcontact.com/us/products/5600461>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/5600461>



### EAC

Approval ID: KZ7500651131219505



### UL Listed

Approval ID: E238705

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	15 A	30 - 10	-



### cUL Listed

Approval ID: E238705

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	15 A	30 - 10	-



### EAC-RoHS

Approval ID: RU D-DE.HB49.B.00025

# EM-DUO 120/15 - Socket



5600461

<https://www.phoenixcontact.com/us/products/5600461>

## Classifications

### ECLASS

ECLASS-13.0	27142305
ECLASS-15.0	27142305

### ETIM

ETIM 10.0	EC001663
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# EM-DUO 120/15 - Socket



5600461

<https://www.phoenixcontact.com/us/products/5600461>

## Environmental product compliance

### EU RoHS

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

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### 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)