

# EM-DUO 120/15 - Socket



5600461

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

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Rail-mounted dual power outlet with two 120 V AC/15 A receptacles for 35 mm DIN rail per EN 60715. For enhanced safety, the grounding pin is located at the top to prevent shorting between the hot and neutral blades.

Housing color: ivory. National version: USA. Connection type: screw.

## Commercial data

Item number	5600461
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
Catalog page	Page 541 (C-5-2015)
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

## Technical data

### Notes

#### Trade restriction

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

### Electrical properties

Nominal voltage $U_N$	125 V AC
Nominal current $I_N$	15 A

### Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section flexible	4 mm <sup>2</sup>
Conductor cross section rigid	6 mm <sup>2</sup>
Cross section AWG	10
Screw thread	M3

### Dimensions

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Dimensional drawing	
Width	82 mm
Height	135 mm
Depth	135 mm

## Material specifications

Color	ivory
Insulating material	Polycarbonate & ABS blend
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
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)	-20 °C ... 60 °C (max. short-term operating temperature RTI Elec. )
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

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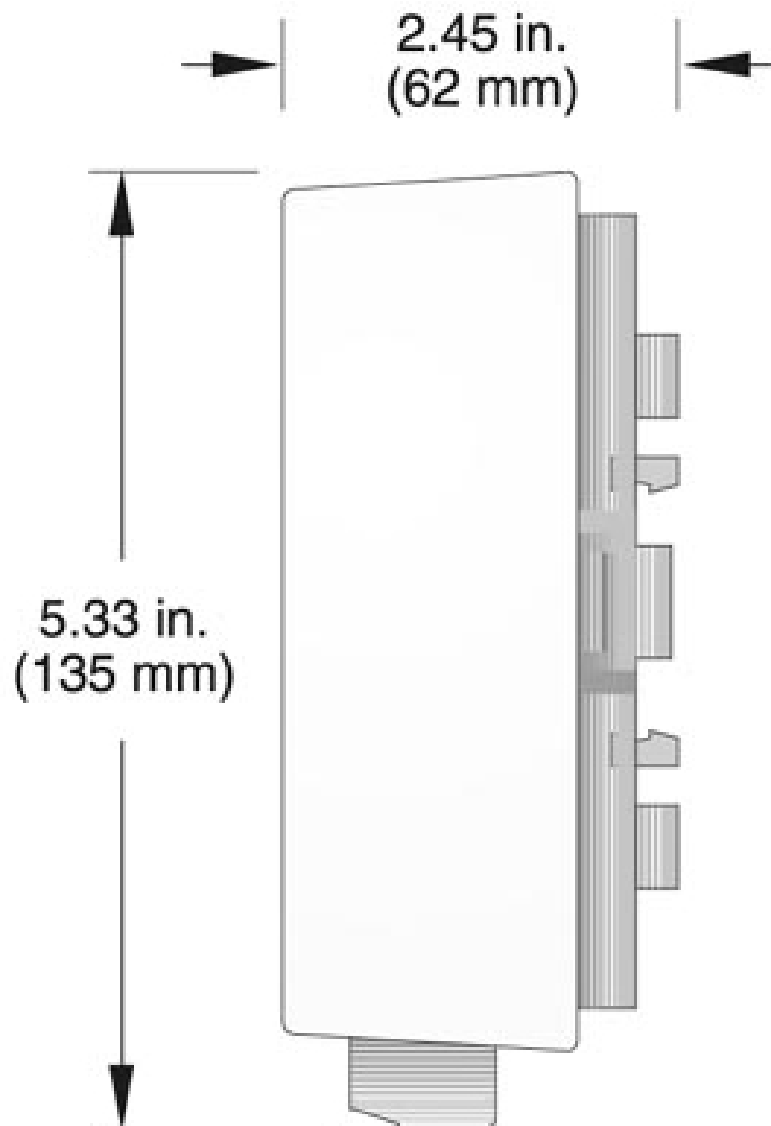
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## Drawings

Dimensional drawing



Side view

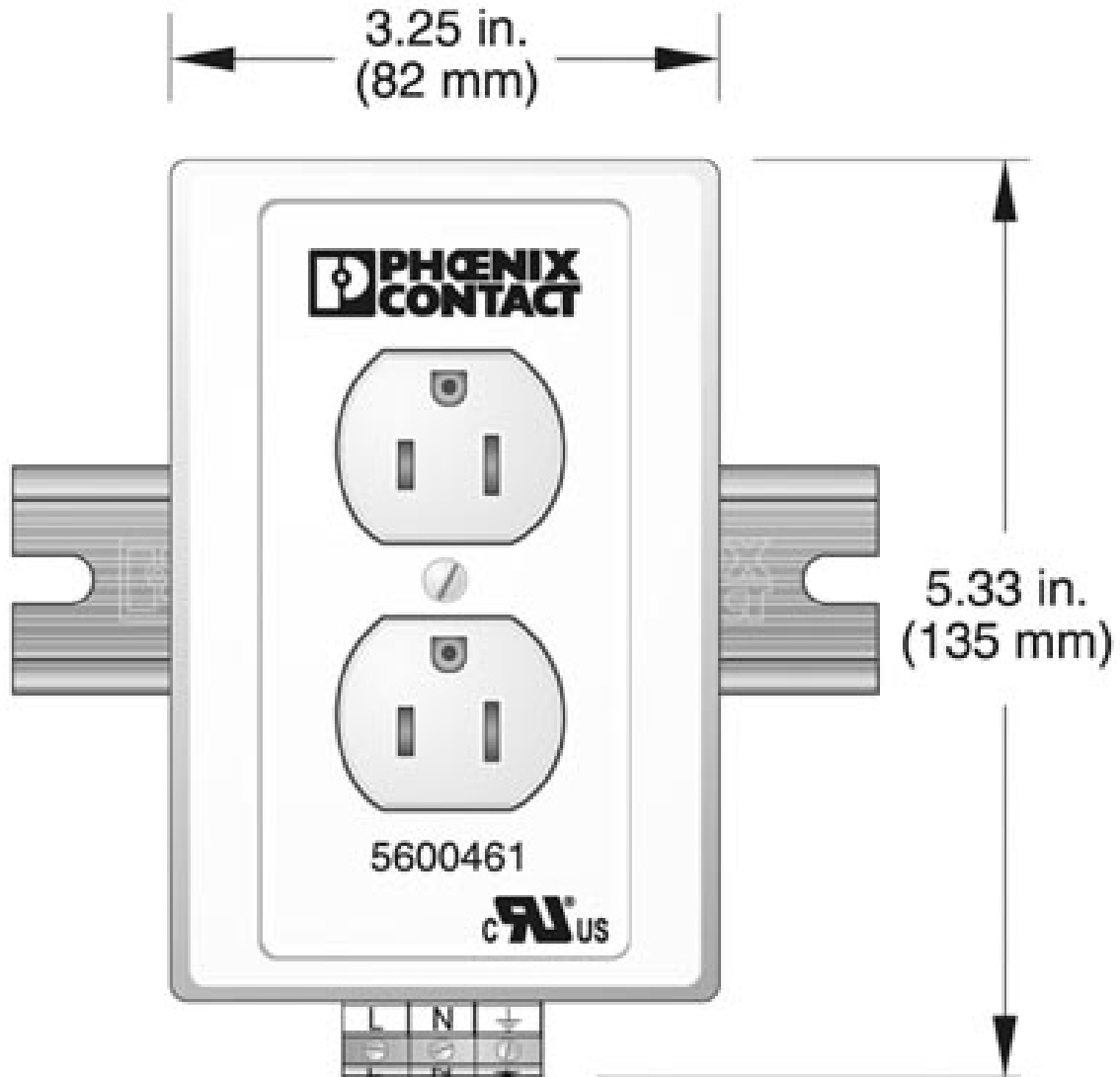
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Dimensional drawing



Front view

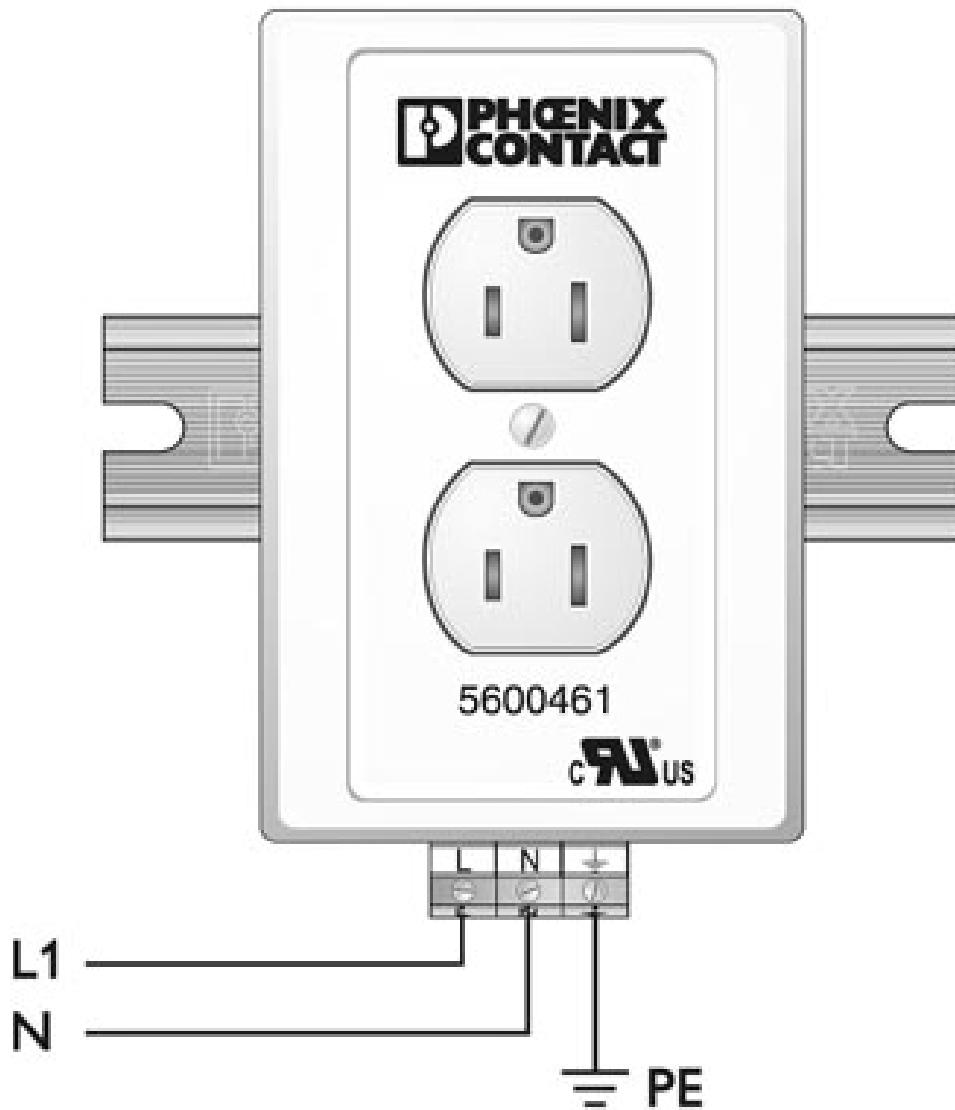
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Connection diagram



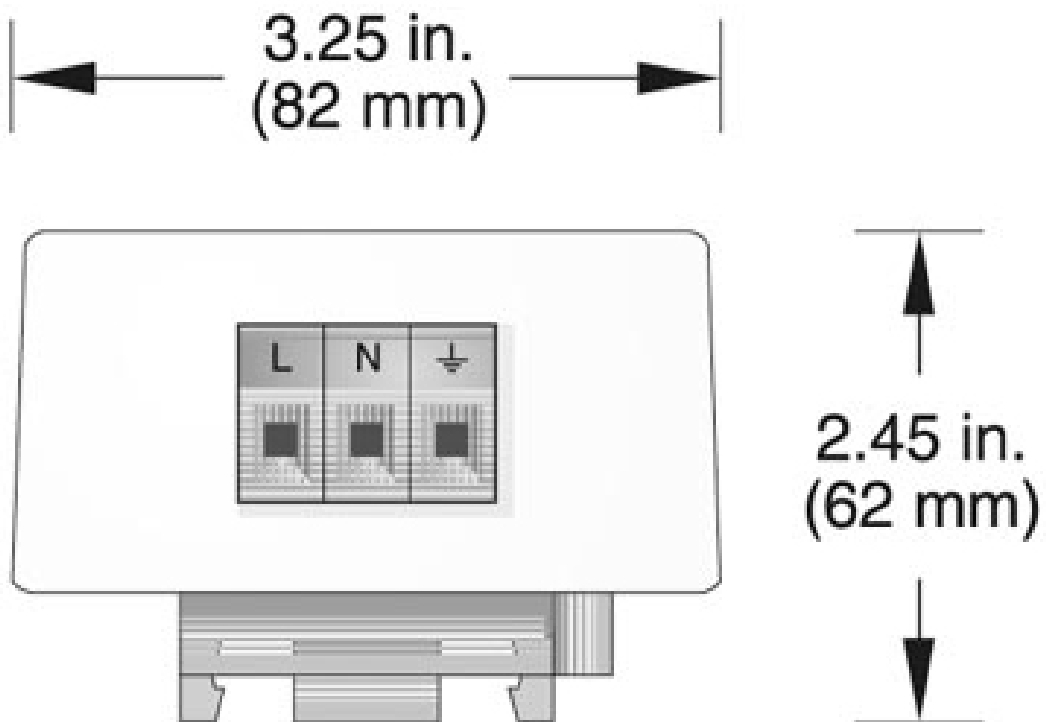
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Dimensional drawing



Bottom view

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## Approvals

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



### EAC

Approval ID: RU C-DE.BL08.B.00511



### UL Listed

Approval ID: FILE E 238705

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



### cUL Listed

Approval ID: FILE E 238705

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



### EAC-RoHS

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

### cULus Listed



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## Classifications

### ECLASS

ECLASS-11.0	27142305
ECLASS-12.0	27142305
ECLASS-13.0	27142305

### ETIM

ETIM 9.0	EC001663
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.)	Lead(CAS: 7439-92-1)
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