

# EO-AB/UT/LED/DUO/N/GFI/15 - Double socket



1263628

<https://www.phoenixcontact.com/us/products/1263628>

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Double socket, in vertical arrangement, integrated residual current operated circuit breaker (GFCI Class A), Pin connector pattern type AB 15A, connection method: Screw connection, color: gray, nom. voltage: 125 V AC (60 Hz), nominal current: 15 A, DIN rail or direct mounting, standards/specifications: UL 508A, Country marking: USA

## Commercial data

Item number	1263628
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4063151375386
Weight per piece (including packing)	286.6 g
Weight per piece (excluding packing)	286 g
Customs tariff number	85366990
Country of origin	PL

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## Technical data

### Notes

General	integrated residual current device (GFCI Class A)
General	
Note	The nominal current does not apply for fuse versions. In this case, the current is determined by the fuse.

### Product properties

Product type	Socket
Country ID	USA
Response time	25 ms (6 mA)

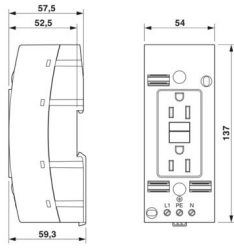
### Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
	B3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Nominal current	15 A
Nominal voltage	125 V AC 60 Hz
Tolerance	-18% ... +5%

### Signaling

Status display	yes
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### Dimensions

Dimensional drawing	
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Width	54 mm
Height	137 mm
Depth	62.3 mm
Depth on NS 35/7,5	63 mm
Depth on NS 35/15	70.5 mm
Hole diameter	4.4 mm

## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material	PA
Contact material	CuZn38
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

## Connector

Type of plug	Pin connector pattern type AB 15A
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## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2022-06
Spectrum	Long life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s <sup>2</sup> )/Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2022-06
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3

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Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

## Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 66 °C (max. operating temperature range including self-heating, see derating curve)
Ambient temperature (storage/transport)	-45 °C ... 70 °C
Resistance against air humidity	95 % ... 48 h

## Standards and regulations

### Standards

Standards/regulations	UL 508A
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## Mounting

Mounting type	DIN rail or direct mounting
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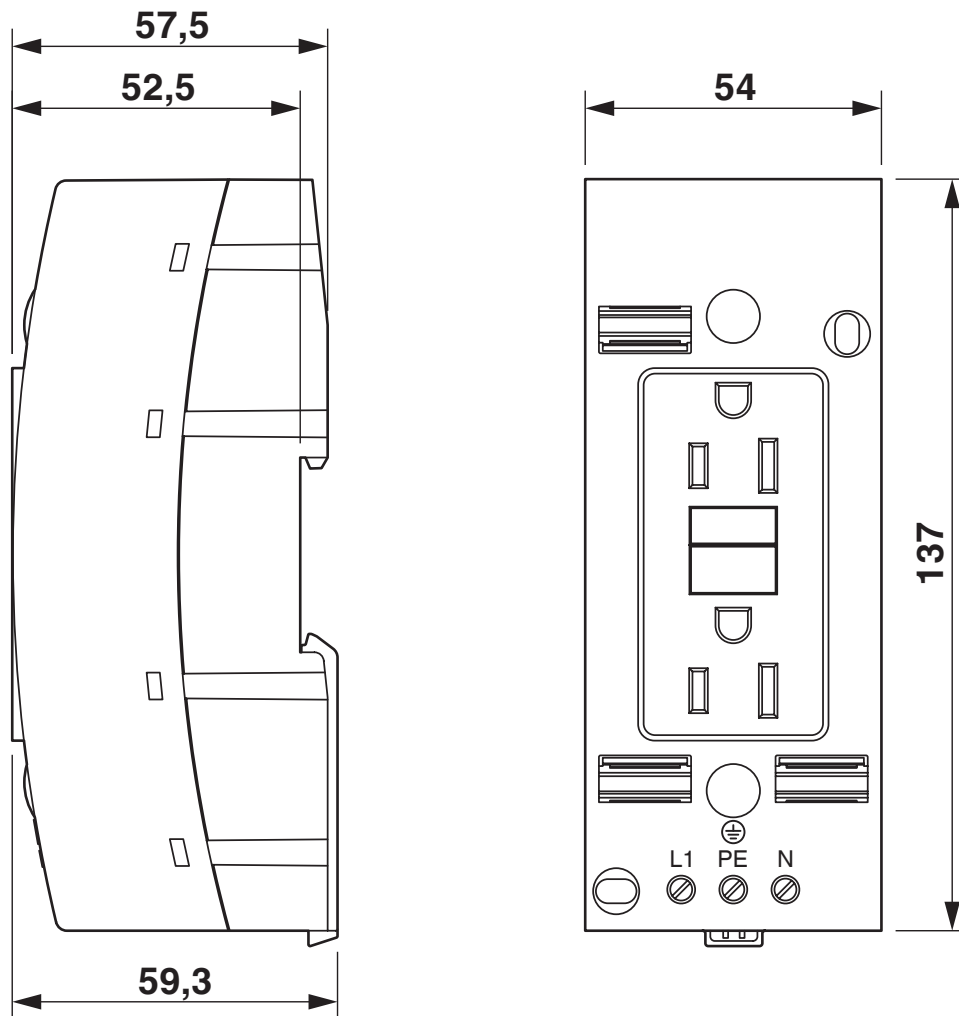


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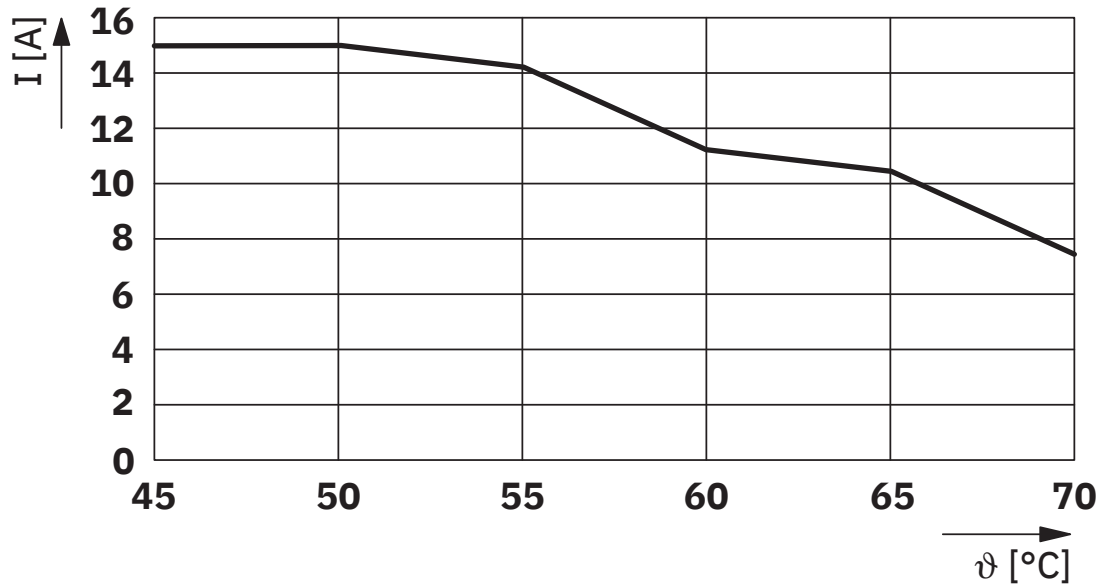
<https://www.phoenixcontact.com/us/products/1263628>

## Drawings

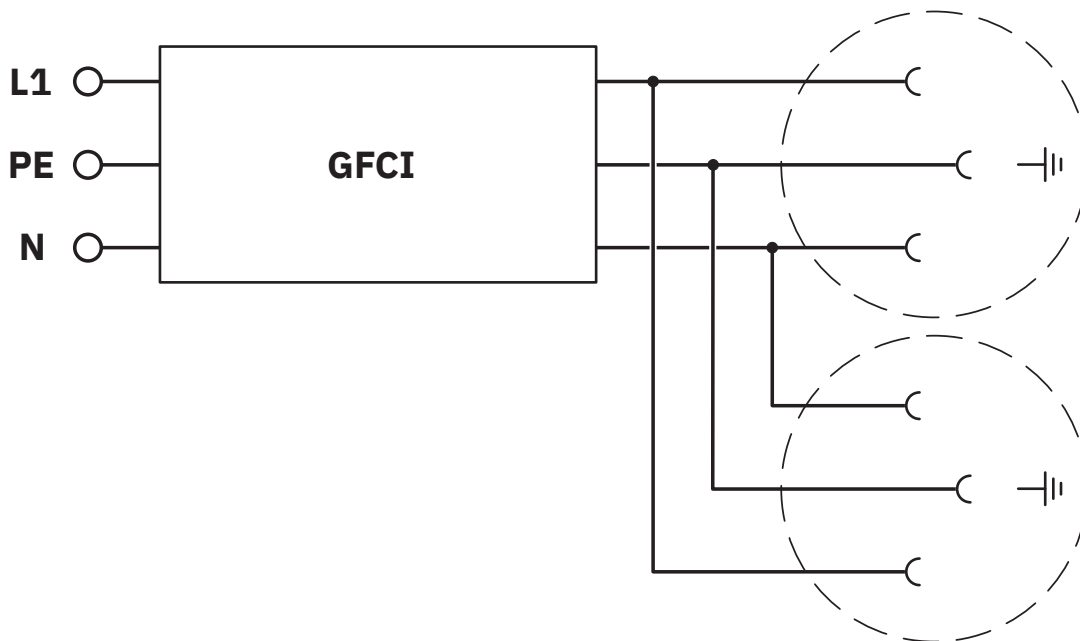
Dimensional drawing



Diagram



Circuit diagram



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## Approvals

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 <b>cULus Recognized</b> Approval ID: E255026				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	15 A	24 - 12	-

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	120 V	15 A	24 - 12	-

 <b>EAC</b> Approval ID: KZ7500651131219505				
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## Classifications

### ECLASS

ECLASS-13.0	27142305
ECLASS-15.0	27142305

### ETIM

ETIM 10.0	EC001663
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### UNSPSC

UNSPSC 21.0	39121406
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 7(a), 7(c)-I

### 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.)	Lead(CAS: 7439-92-1)
SCIP	edbe38d9-89c8-46dc-9510-21a957451da5

### EF3.1 Climate Change

CO2e kg	4.941 kg CO2e
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