

# EO-AB/PT/LED/DUO/V/GFI/15 - Double socket



1263626

<https://www.phoenixcontact.com/us/products/1263626>

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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: Push-in spring 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                          | 1263626       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE76          |
| Product key                          | BE7623        |
| GTIN                                 | 4063151376031 |
| Weight per piece (including packing) | 283.2 g       |
| Weight per piece (excluding packing) | 283.2 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | PL            |

## 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

|                                                                                                                   |                                              |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Stripping length                                                                                                  | 10 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) | 0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Nominal current                                                                                                   | 15 A                                         |
| Nominal voltage                                                                                                   | 125 V AC (60 Hz)                             |

#### Connection cross sections directly pluggable

|                                                                   |                                           |
|-------------------------------------------------------------------|-------------------------------------------|
| Conductor cross section rigid                                     | 0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Flexible conductor cross section (ferrule with plastic sleeve)    | 1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |

### Signaling

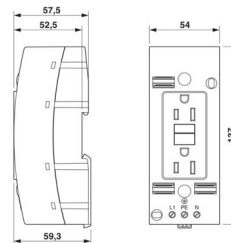
|                |     |
|----------------|-----|
| Status display | yes |
|----------------|-----|

### Dimensions

1263626

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## Dimensional drawing



|                    |         |
|--------------------|---------|
| 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                                  | V0              |
| 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 |
|--------------|-----------------------------------|

## 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> ) <sup>2</sup> /Hz      |
| Acceleration           | 3.12g                                          |
| Test duration per axis | 5 h                                            |
| Test directions        | X-, Y- and Z-axis                              |

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

## Ambient conditions

|                                 |                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| Degree of protection            | IP20                                                                                                |
| Ambient temperature (operation) | -5 °C ... 40 °C (according to IEC 60884-1, average value over a period of 24 hours not above +35°C) |

## Standards and regulations

## Standards

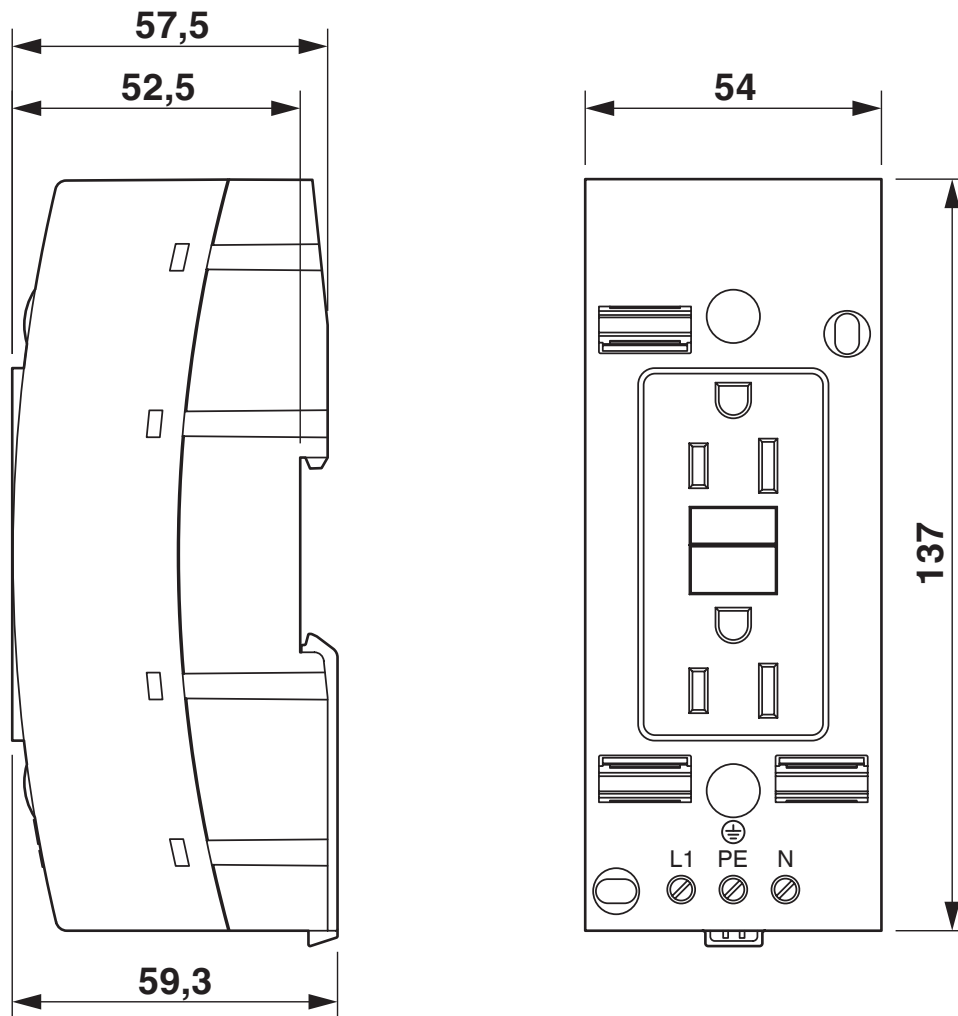
|                       |         |
|-----------------------|---------|
| Standards/regulations | UL 508A |
|-----------------------|---------|

## Mounting

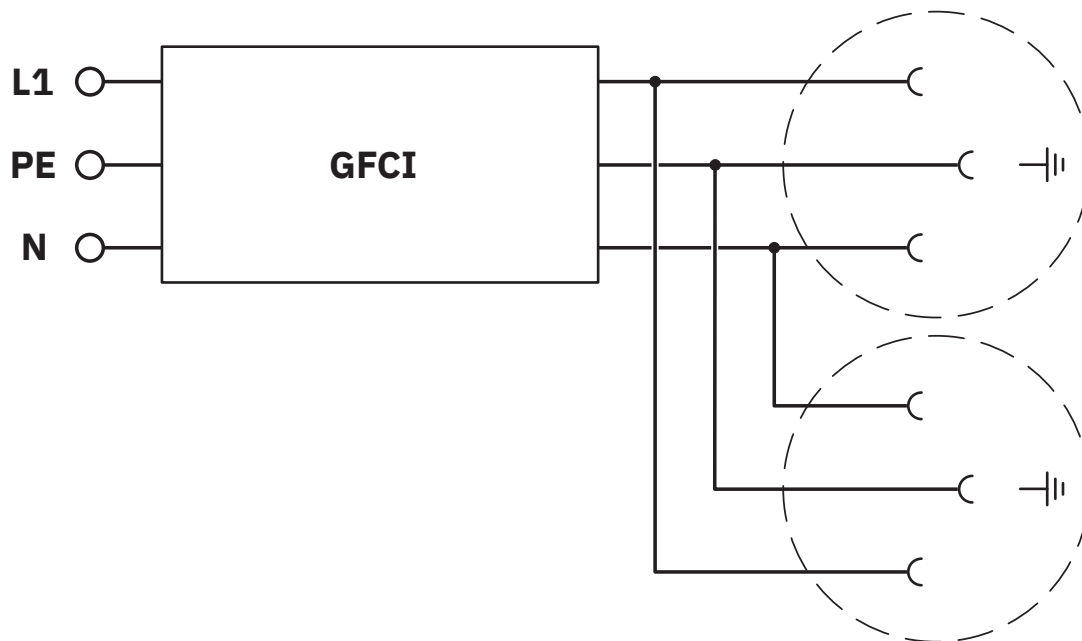
|               |                             |
|---------------|-----------------------------|
| Mounting type | DIN rail or direct mounting |
|---------------|-----------------------------|

## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1263626>

**cULus Recognized**

Approval ID: E255026

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | 120 V                 | 15 A                  | 24 - 12           | -                           |

**CSA**

Approval ID: 13631

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | 120 V                 | 15 A                  | 24 - 12           | -                           |

**EAC**

Approval ID: KZ7500651131219505

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1263626

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27142305 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001663 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121406 |
|-------------|----------|

## 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                                | 6cc959b2-e791-447f-9cbc-8825395c311f |