

# EO-AB/UT/LED/15 - Socket



0804155

<https://www.phoenixcontact.com/us/products/0804155>

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, Pin connector pattern type AB 15A, Screw connection, for USA and other countries, with LED display, gray, for mounting on a DIN rail in the service interface or direct mounting, 125 V AC, 15 A, -20 °C, 60 °C, UL 508

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0804155             |
| Packing unit                         | 5 pc                |
| Minimum order quantity               | 5 pc                |
| Sales key                            | BE76                |
| Product key                          | BE7613              |
| Catalog page                         | Page 563 (C-3-2019) |
| GTIN                                 | 4055626226781       |
| Weight per piece (including packing) | 83.7 g              |
| Weight per piece (excluding packing) | 80 g                |
| Customs tariff number                | 85366990            |
| Country of origin                    | PL                  |

## Technical data

### Product properties

|              |        |
|--------------|--------|
| Product type | Socket |
| Country ID   | USA    |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 03 |
|------------------|----|

### Electrical properties

|                       |                  |
|-----------------------|------------------|
| Nominal voltage $U_N$ | 125 V AC (60 Hz) |
| Nominal current $I_N$ | 15 A             |

### Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm                                        |
| Tightening torque                | 0.5 ... 0.6 Nm                              |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Cross section AWG                | 24 ... 12                                   |
| Screw thread                     | M3                                          |

### Signaling

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

### Dimensions

|        |       |
|--------|-------|
| Width  | 45 mm |
| Height | 75 mm |
| Depth  | 75 mm |

### Material specifications

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| Color                                                                   | gray        |
| Flammability rating according to UL 94                                  | V0          |
| Insulating material                                                     | PA          |
| Contact material                                                        | CuZn37      |
| 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

### 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 |
|-----------------------|--------|

## Mounting

|               |                                                                        |
|---------------|------------------------------------------------------------------------|
| Mounting type | for mounting on a DIN rail in the service interface or direct mounting |
|---------------|------------------------------------------------------------------------|

# EO-AB/UT/LED/15 - Socket



0804155

<https://www.phoenixcontact.com/us/products/0804155>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0804155>



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

|                                                                                   |                                          |                                |                   |                               |
|-----------------------------------------------------------------------------------|------------------------------------------|--------------------------------|-------------------|-------------------------------|
|  | <b>UL Listed</b><br>Approval ID: E238705 |                                |                   |                               |
|                                                                                   | Nominal voltage U <sub>N</sub>           | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
|                                                                                   | 125 V                                    | 15 A                           | -                 | -                             |



**cUL Listed**  
Approval ID: E238705



**EAC-RoHS**  
Approval ID: RU D-DE.HB49.B.00025

**cULus Listed**

Classifications

ECLASS

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

ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC001663 |
|----------|----------|

UNSPSC

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

Environmental product compliance

|                                         |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS                                 |                                                                                                                                                                                                                                   |
| Fulfills EU RoHS substance requirements | Yes                                                                                                                                                                                                                               |
| Exemption                               | 7(a), 7(c)-I                                                                                                                                                                                                                      |
| 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)                                                                                                                                                                                                              |
| SCIP                                    | b1789900-e6a4-4ebc-8245-0fb997fb5e06                                                                                                                                                                                              |

0804155

<https://www.phoenixcontact.com/us/products/0804155>

## Accessories

### UC-TMF 8 - Marker for terminal blocks

0818137

<https://www.phoenixcontact.com/us/products/0818137>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

---

### UC-TMF 16 - Marker for terminal blocks

0819262

<https://www.phoenixcontact.com/us/products/0819262>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

## EO-AB/UT/LED/15 - Socket

0804155

<https://www.phoenixcontact.com/us/products/0804155>



## ZBF 8:UNBEDRUCKT - Zack Marker strip, flat

0808781

<https://www.phoenixcontact.com/us/products/0808781>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

---

## ZBF 16:UNPRINTED - Zack Marker strip, flat

0827464

<https://www.phoenixcontact.com/us/products/0827464>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50

---

Phoenix Contact 2024 © - 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)