

# EO-AB/PT/S/15 - Socket



0804173

<https://www.phoenixcontact.com/us/products/0804173>

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, Push-in spring connection, for USA and other countries, switch, 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                          | 0804173             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 5 pc                |
| Sales Key                            | BE76                |
| Product Key                          | BE7623              |
| Catalog Page                         | Page 563 (C-3-2019) |
| GTIN                                 | 4055626226941       |
| Weight per Piece (including packing) | 91.09 g             |
| Weight per Piece (excluding packing) | 91.09 g             |
| Customs tariff number                | 85366990            |
| Country of origin                    | PL                  |

## Technical Data

### Product properties

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

### Electrical properties

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

### Signaling

|                |    |
|----------------|----|
| Status display | No |
|----------------|----|

### 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. ) |

# EO-AB/PT/S/15 - Socket



0804173

<https://www.phoenixcontact.com/us/products/0804173>

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| 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

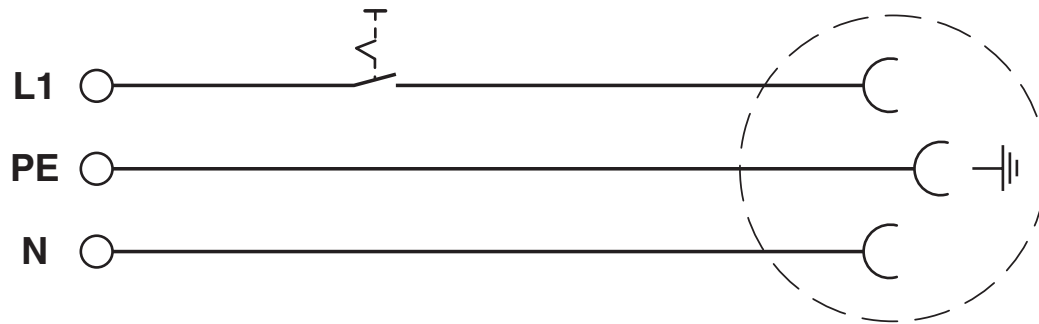
|                       |        |
|-----------------------|--------|
| Standards/regulations | UL 508 |
|-----------------------|--------|

## Mounting

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Mounting type     | for mounting on a DIN rail in the service interface or direct mounting |
| Connection method | Push-in spring connection                                              |

## Drawings

Circuit diagram



## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0804173>

**EAC**

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

**UL Listed**

Approval ID: E238705

|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | 125 V                 | 15 A                  | -                 | -                           |

**cUL Listed**

Approval ID: E238705

**EAC-RoHS**

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

# EO-AB/PT/S/15 - Socket



0804173

<https://www.phoenixcontact.com/us/products/0804173>

## 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

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

0804173

<https://www.phoenixcontact.com/us/products/0804173>

## 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/PT/S/15 - Socket

0804173

<https://www.phoenixcontact.com/us/products/0804173>



### 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 2023 © - 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)