# EM-DUO 120/15/SPD/AUX - Socket

5604063

https://www.phoenixcontact.com/us/products/5604063

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, connection method: Screw connection, color: ivory, nom. voltage: 125 V AC, nominal current: 15 A, standards/specifications: UL 508, CSA 22.2

## Product description

Rail-mountable utility outlet with integrated surge protection for 120 V AC power.

## Commercial data

| | |
|---|---|
| Item number | 5604063 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BE76 |
| Product key | BE7613 |
| GTIN | 4046356410496 |
| Weight per piece (including packing) | 308.1 g |
| Weight per piece (excluding packing) | 308.1 g |
| Customs tariff number | 85363030 |
| 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. |

## 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 |

## Connection data

| | |
|---|---|
| Connection method | Screw connection |
| Screw thread | M3 |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.2 mm² ... 6 mm² |
| Cross section AWG | 30 ... 10 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm² ... 4 mm² |
| Nominal current | 15 A |
| Nominal voltage | 125 V AC |

## Dimensions

| | |
|---|---|
| Width | 82 mm |
| Height | 143 mm |
| Depth | 143 mm |

## Material specifications

| | |
|---|---|
| Color | ivory (RAL 1014) |
| Flammability rating according to UL 94 | V0 |
| 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) | -35 °C ... 70 °C |
| 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 |
| | UL 1449 ed. 2 |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/5604063

**UL Listed**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 125 V | 15 A | 30 - 10 | 30 - 10 |

**cUL Listed**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 125 V | 15 A | 30 - 10 | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-15.0 | 27142305 |
| ECLASS-13.0 | 27142305 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001663 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c), 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) |


Phoenix Contact 2026 © - 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