

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



5604063

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

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Rail-mounted dual power outlet with two 120 V AC/15 A receptacles equipped with transient voltage surge suppression (TVSS) for 35 mm DIN rail per EN 60715. The outlet protects laptops, instrumentation, and other sensitive 120 V AC-powered equipment from damage caused by transients on the branch circuit. Terminal block allows connection and surge protection of auxiliary devices.

Housing color: ivory. National version: USA. Connection type: screw.

## 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) | 222.22 g      |
| Customs tariff number                | 85363030      |
| Country of origin                    | US            |

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## 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              |             |

### Electrical properties

|                       |          |
|-----------------------|----------|
| Nominal voltage $U_N$ | 125 V AC |
| Nominal current $I_N$ | 15 A     |

### Connection data

|                                  |                   |
|----------------------------------|-------------------|
| Connection method                | Screw connection  |
| Stripping length                 | 8 mm              |
| Conductor cross section flexible | 4 mm <sup>2</sup> |
| Conductor cross section rigid    | 6 mm <sup>2</sup> |
| Cross section AWG                | 10                |
| Screw thread                     | M3                |

### Dimensions

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

### Material specifications

|                     |                           |
|---------------------|---------------------------|
| Color               | ivory                     |
| Insulating material | Polycarbonate & ABS blend |

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|   |             |
|---|-------------|
| 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)          | -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        |
|                       | CSA 22.2      |
|                       | UL 1449 ed. 2 |

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## Approvals

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

|  <b>UL Listed</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|  | 125 V                 | 15 A                  | -                 | 30 - 10                     |

|  <b>cUL Listed</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|   | 125 V                 | 15 A                  | 30 - 10           | -                           |

| <b>cULus Listed</b> |  |  |  |  |
|---------------------|--|--|--|--|
|---------------------|--|--|--|--|

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## 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) |
|-------------------------------------|----------------------|

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