

# EM-DUO 120/15/SWA - Socket



5604433

<https://www.phoenixcontact.com/us/products/5604433>

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Rail-mounted switched socket where switch controls auxiliary connections. For mounting on 35 mm DIN rails per EN 60715. Housing color: ivory. Receptacle style: USA. Connection type: screw.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 5604433       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE76          |
| Product key                          | BE7613        |
| GTIN                                 | 4046356685184 |
| Weight per piece (including packing) | 33.33 g       |
| Weight per piece (excluding packing) | 33.33 g       |
| Customs tariff number                | 85366990      |
| 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       |
|                             | Japan        |
|                             | Mexico       |
|                             | Saudi Arabia |
|                             | Taiwan       |
|                             | Venezuela    |

### 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 | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup> |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup> |
| Cross section AWG                | 30 ... 10                                 |
| Screw thread                     | M3                                        |

### Material specifications

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| Color                                                                   | ivory       |
| Insulating material                                                     | PVC 94 V0   |
| 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      |

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## 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 |

## Mounting

|                   |                  |
|-------------------|------------------|
| Connection method | Screw connection |
|-------------------|------------------|

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