

# EM-DUO 120/15/IG - Socket



5601677

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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 5601677       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE76          |
| Product key                          | BE7613        |
| GTIN                                 | 4046356685955 |
| 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         |
|                             | 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 mm <sup>2</sup> ... 6 mm <sup>2</sup> |
| Cross section AWG                | 30 ... 10 (converted acc. to IEC)         |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup> |
| Nominal current                  | 15 A                                      |
| Nominal voltage                  | 125 V AC                                  |

### Dimensions

|        |        |
|--------|--------|
| Width  | 82 mm  |
| Height | 135 mm |
| Depth  | 135 mm |

### Material specifications

|                                                |                           |
|------------------------------------------------|---------------------------|
| Color                                          | ivory (RAL 1014)          |
| Insulating material                            | Polycarbonate & ABS blend |
| Static insulating material application in cold | -60 °C                    |

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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/5601677>

|       |  <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> |
| keine |                                                                                                                            |                                |                   |                               |
|       | 125 V                                                                                                                      | 15 A                           | 30 - 10           | 30 - 10                       |

|       |  <b>cUL 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> |
| keine |                                                                                                                             |                                |                   |                               |
|       | 125 V                                                                                                                       | 15 A                           | 30 - 10           | -                             |

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001663 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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