

# EM-DUO120/20/GFI/AUX/NO - Socket



5602192

<https://www.phoenixcontact.com/us/products/5602192>

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Rail-mounted blank ground fault circuit interruption (GFCI) for 35 mm DIN rail per EN 60715. GFCI protects against shock hazards associated with ground shorts. For enhanced safety, the grounding pin is located at the top to prevent shorting between the hot and neutral blades. Housing color: white. National version: USA. Connection type: screw.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 5602192       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE76          |
| Product key                          | BE7613        |
| GTIN                                 | 4046356126236 |
| Weight per piece (including packing) | 328.5 g       |
| Weight per piece (excluding packing) | 307.3 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 |
| Response time               | 25 ms (6 mA)   |

### Electrical properties

|                       |          |
|-----------------------|----------|
| Nominal voltage $U_N$ | 125 V AC |
| Nominal current $I_N$ | 20 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 | 135 mm |
| Depth  | 49 mm  |

### Material specifications

|       |       |
|-------|-------|
| Color | ivory |
|-------|-------|

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

## Environmental and real-life conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient conditions              |                  |
| Degree of protection            | IP20             |
| Ambient temperature (operation) | -20 °C ... 60 °C |

## 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/5602192>



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

|                                                                                   |                                                |                       |                   |                             |
|-----------------------------------------------------------------------------------|------------------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <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                                          | 20 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                                           | 20 A                  | 30 - 10           | -                           |



**EAC-RoHS**  
Approval ID: RU D-DE.HB49.B.00025

**cULus Listed**

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

Environmental product compliance

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