

## Connector - PLD E 608-CO-MS - 2702308

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Connector for series connection, black, 3-pos.



### Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 5 pc          |
| Minimum order quantity | 5 pc          |
| GTIN                   |               |
| GTIN                   | 4055626113340 |

### Technical data

#### General

|                                       |                      |
|---------------------------------------|----------------------|
| Type                                  | Installation coupler |
| Color                                 | black                |
| Connection method                     | Screw connection     |
| Number of positions                   | 3                    |
| Note number of positions              | 2+PE                 |
| Tightening torque contact carrier     | 0.3 Nm               |
| Number of connections                 | 3                    |
| Conductor cross section flexible min. | 0.5 mm <sup>2</sup>  |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.      | 20                   |
| Conductor cross section AWG max.      | 14                   |

#### Cabel

|                             |  |
|-----------------------------|--|
| External cable diameter     | 7.5 mm ... 8.5 mm (3x 1.5 mm <sup>2</sup> )  |
|                             | 9.5 mm ... 10.5 mm (3x 2.5 mm <sup>2</sup> ) |
| Stripping length for sheath | 7 mm   |

# Connector - PLD E 608-CO-MS - 2702308

## Technical data

### Ambient conditions

|   |                   |
|---|-------------------|
| Degree of protection                    | IP20              |
|   | IP40 (plugged in) |
| Ambient temperature (operation)         | 70 °C             |
| Ambient temperature (storage/transport) | -30 °C            |

### Electrical characteristics

|                           |                                       |
|---------------------------|---------------------------------------|
| Rated current             | 16 A (according to EN 61984 at 70 °C) |
| Rated voltage (I/2)       | 250 V                                 |
| Rated surge voltage (I/2) | 2.5 kV                                |

### Mechanical characteristics

|                             |                            |
|-----------------------------|----------------------------|
| QUICKON connectability      | 5 (according to EN 61984)  |
| Insertion/withdrawal cycles | 10 (according to EN 61984) |

### Material data

|  |                   |
|--|-------------------|
| Contact material                       | Brass             |
| Contact surface material               | surface-protected |
| Contact carrier material               | PA                |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V2                |
| Degree of pollution                    | 2                 |

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V2 |
|--|----|

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440312 |
| eCl@ss 11.0   | 27440312 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440312 |
| eCl@ss 9.0    | 27440312 |

### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC002641 |
|----------|----------|

# Connector - PLD E 608-CO-MS - 2702308

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 7.0 | EC002641 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121419 |
| UNSPSC 18.0 | 39121419 |
| UNSPSC 19.0 | 39121419 |
| UNSPSC 20.0 | 39121419 |
| UNSPSC 21.0 | 39121419 |

## Approvals

### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

---

#### Ex Approvals

---

### Approval details

|               |  |   |               |
|---------------|--|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
|---------------|--|---|---------------|

|                |  |   |               |
|----------------|--|---|---------------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
|----------------|--|---|---------------|

|                  |  |  |  |
|------------------|--|--|--|
| cULus Recognized |  |  |  |
|------------------|--|--|--|

---

Phoenix Contact 2021 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>