

# PSD-S 50 CE BR-SM/HCR - Connection element



1018742

<https://www.phoenixcontact.com/us/products/1018742>

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Base for vertical assembly



## Product description

This connection element is intended to be part of a modular signal tower and is used to electrically connect the tower. According to your requirements, a signal tower may comprise any combination of up to five signal elements. You may use up to five optical signal elements or up to four optical and one audible signal element. Only use an audible signal element as the top element. A bayonet locking system establishes the mechanical and electrical connection between the elements. Please note that PSD-S 50 signal towers (50 mm diameter) are not mechanically compatible with PSD-S signal towers (70 mm diameter).

## Your advantages

- Connecting element for installing on a mounting surface (floor), junction box or bracket (see Accessories)
- Push-in connection technology
- Degree of protection: IP65, when mounted

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1018742       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR07          |
| Product key                          | DRL116        |
| GTIN                                 | 4055626503783 |
| Weight per piece (including packing) | 113.5 g       |
| Weight per piece (excluding packing) | 113.5 g       |
| Customs tariff number                | 85319000      |
| Country of origin                    | AT            |

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## Technical data

### Notes

#### Note on application

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Product properties

|                                     |                    |
|-------------------------------------|--------------------|
| Product type                        | Assembly element   |
| Product family                      | PSD-S 50           |
| Scope of supply                     | End cover and seal |
| Number of mountable signal elements | max. 5             |

### Connection data

#### without ferrule

|   |   |
|---|---|
| Connection method                       | Push-in connection                          |
| Conductor cross section, flexible       | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section, flexible [AWG] | ... 16                                      |
| Stripping length                        | 7 mm  |

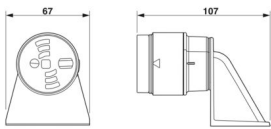
#### With ferrule

|   |  |
|---|--|
| Connection method                       | Push-in connection                           |
| Conductor cross section, flexible       | 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section, flexible [AWG] | ... 16                                       |
| Stripping length                        | 7 mm   |

#### solid

|                                |   |
|--------------------------------|---|
| Connection method              | Push-in connection                          |
| Conductor cross section, rigid | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Stripping length               | 7 mm  |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 67 mm  |
| Height              | 107 mm   |

### Material specifications

|          |       |
|----------|-------|
| Color    | black |
| Material | PA-GF |

### Environmental and real-life conditions

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## Ambient conditions

|                                 |                       |
|---------------------------------|-----------------------|
| Degree of protection            | IP65 (when installed) |
| Ambient temperature (operation) | -30 °C ... 60 °C      |

## Mounting

|                   |               |
|-------------------|---------------|
| Mounting type     | Base mounting |
| Assembly note     | Seal included |
| Mounting position | any           |

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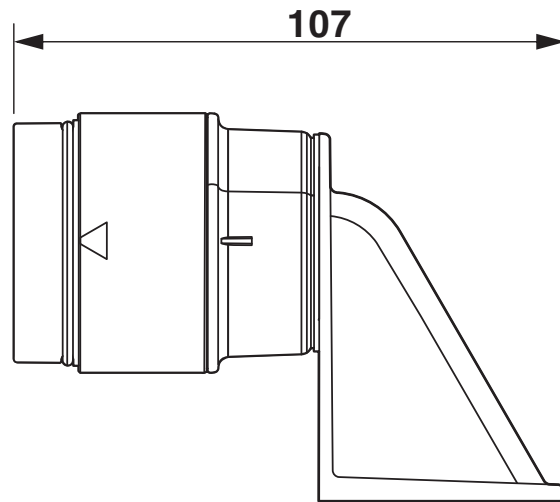
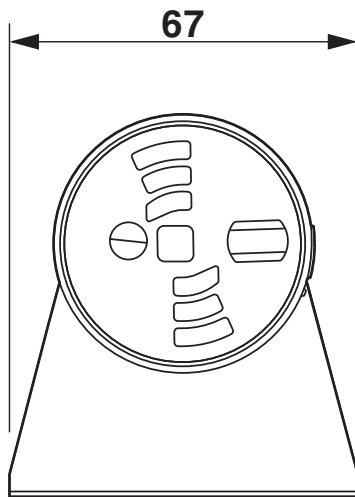


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## Drawings

Dimensional drawing




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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1018742>



**cULus Listed**

Approval ID: E140324

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371232 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001152 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 46171600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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