

# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

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 documentation. Our general terms of use for downloads are valid.



Base for horizontal and third-party tube 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	1018740
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL116
GTIN	4055626503851
Weight per piece (including packing)	79.9 g
Weight per piece (excluding packing)	79.9 g
Customs tariff number	85319000
Country of origin	AT

# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

## 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 delivery	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]	... 15
Stripping length	7 mm

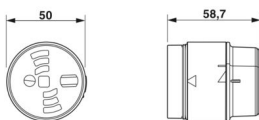
#### With ferrule

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]	... 15
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	
Height	58.7 mm
Diameter	50 mm

### Material specifications

Color	black
Material	PA-GF

### Environmental and real-life conditions

# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

## Ambient conditions

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

## EMC data

Electromagnetic compatibility	Conformance with EMC directive 2004/108/EC and for low-voltage directive 2006/95/EC
-------------------------------	---

## Mounting

Mounting type	Base mounting
Assembly note	Seal included
Mounting position	any

# PSD-S 50 CE - Connection element

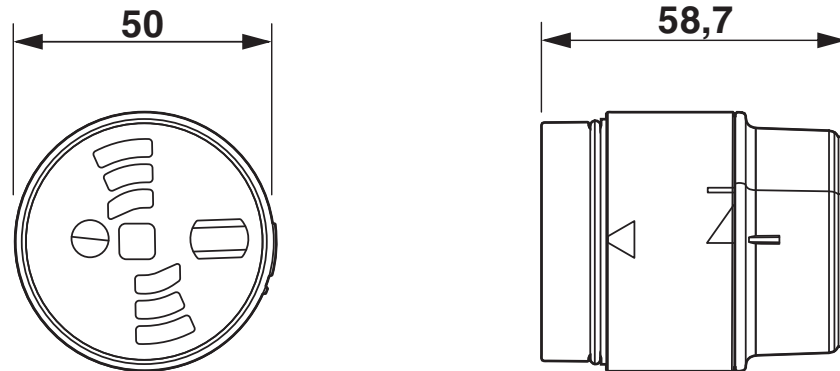


1018740

<https://www.phoenixcontact.com/us/products/1018740>

## Drawings

Dimensional drawing




# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1018740>



**cULus Listed**

Approval ID: E140324

# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# PSD-S 50 CE - Connection element



1018740

<https://www.phoenixcontact.com/us/products/1018740>

## 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%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)