

PSD-S 50 CE - Connection element



1018740

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

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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
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

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Technical data

Notes

Note on application	
Note on application	Only for industrial use

Product properties

Product type	Assembly element
Scope of delivery	End cover and seal

Data management status	
Article revision	00

Connection data

without ferrule	
Connection method	Push-in connection
Conductor cross section, flexible	0.5 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	... 15
Stripping length	7 mm

With ferrule	
Connection method	Push-in connection
Conductor cross section, flexible	0.25 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	... 15
Stripping length	7 mm

solid	
Connection method	Push-in connection
Conductor cross section, rigid	0.5 mm² ... 1.5 mm²
Stripping length	7 mm

Dimensions

Dimensional drawing	
Height	58.7 mm
Diameter	50 mm

Material specifications

Color	black
Material	PA-GF

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Environmental and real-life conditions

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
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Mounting

Mounting type	Base mounting
Assembly note	Seal included
Mounting position	any

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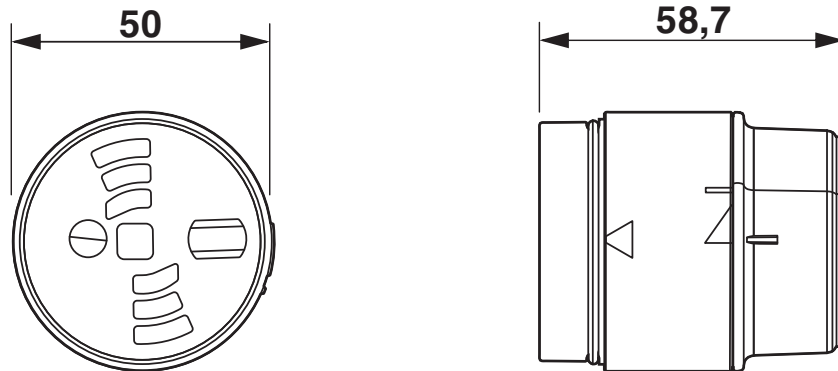


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Drawings

Dimensional drawing



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Approvals

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UL Listed
Approval ID: E140324



cUL Listed
Approval ID: E140324

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Classifications

ECLASS

ECLASS-11.0	27371232
ECLASS-12.0	27371232
ECLASS-13.0	27371232

ETIM

ETIM 9.0	EC001152
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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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Accessories

PSD-S 50 AS SCREW TM - Screw insert

1094201

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Screw set for third-party tube assembly



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