PSD-S 50 CE - Connection element

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

- Connection element for mounting on a mounting surface (floor), junction box, or bracket
- 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

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 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	... 16
Stripping length	7 mm

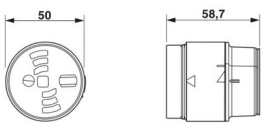
With ferrule

Connection method	Push-in connection
Conductor cross-section, flexible	0.25 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	... 16
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
Color (Housing)	black (RAL 9005)
Material	PA-GF

Environmental and real-life conditions

Ambient conditions

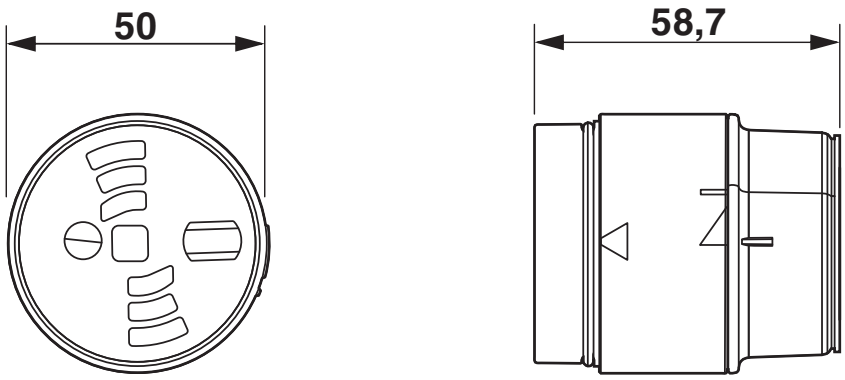
Degree of protection	IP65 (when installed)
Ambient temperature (operation)	-30 °C ... 60 °C

Mounting

Mounting type	Screw mounting (Seal enclosed)
Mounting position	any

Drawings

Dimensional drawing



Approvals

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

cULus Listed
Approval ID: E140324

Classifications

ECLASS

ECLASS-13.0	27371232
ECLASS-15.0	27371232

ETIM

ETIM 10.0	EC001152

UNSPSC

UNSPSC 21.0	46171600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

EF3.1 Climate Change

CO2e kg	1.757 kg CO2e

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