PSD-S 50 CE BT 100 - Connection element

1018760

https://www.phoenixcontact.com/fr/products/1018760

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Tube base on 100 mm plastic tube with integrated foot

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	1018760
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRL116
Product key	DRL116
GTIN	4055626504360
Weight per piece (including packing)	150 g
Weight per piece (excluding packing)	150 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

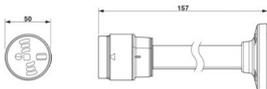|	
Connection method	Push-in connection
Conductor cross-section, flexible	0.5 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	... 16
Stripping length	7 mm

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	157 mm
Diameter	50 mm

Material specifications

Color	black
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	Base mounting (Seal enclosed)
Mounting position	any

PSD-S 50 CE BT 100 - Connection element
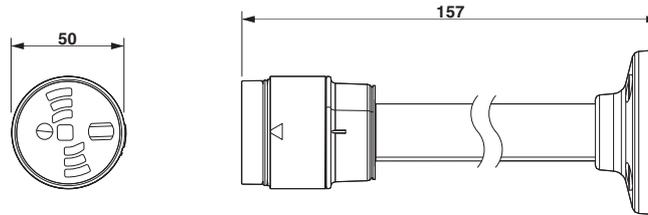
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Drawings

Dimensional drawing

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/fr/products/1018760

cULus Listed
Approval ID: E140324

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Classifications

ECLASS

ECLASS-13.0	27371232
ECLASS-15.0	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

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%

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1018760

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Accessories

PSD-S 50 ME BR-BM/HCR - Mounting bracket

1018870

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Plastic bracket for vertical assembly of tubes with plastic foot

PSD-S 50 ME OB-BM - Mounting material

1018871

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Junction box for horizontal assembly, M20, incl. assembly screws

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1018760

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PSD-S 50 ME OB/BR-BM - Mounting material

1018872

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Junction box for vertical assembly, M20

PSD-S 50 ME OB/MB-BM - Mounting material

1018873

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Junction box for magnetic assembly, M20

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PSD-S 50 AS SCREW ME - Screw insert

1094189

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Screw set for junction boxes