

PSD-S 50 CE BT 250-M - Connection element



1018801

<https://www.phoenixcontact.com/us/products/1018801>

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Tube base on 250 mm aluminum tube with plastic 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

- 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	1018801
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL116
GTIN	4055626502694
Weight per piece (including packing)	246.1 g
Weight per piece (excluding packing)	246.1 g
Customs tariff number	85319000
Country of origin	AT

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Technical data

Product properties

Product type	Assembly element
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 ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	... 15
Stripping length	7 mm

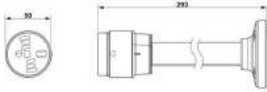
With ferrule

Connection method	Push-in connection
Conductor cross section, flexible	0.25 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	... 15
Stripping length	7 mm

solid

Connection method	Push-in connection
Conductor cross section, rigid	0.5 mm ² ... 1.5 mm ²
Stripping length	7 mm

Dimensions

Dimensional drawing	
Height	293 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

EMC data

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

Mounting type	Base mounting
Assembly instructions	Seal included
Mounting position	any

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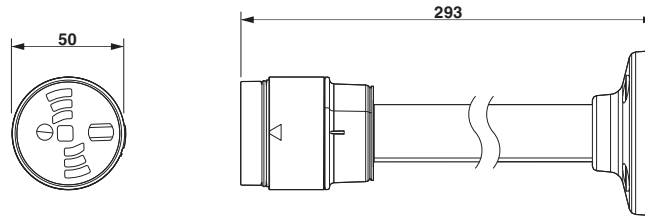
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Drawings

Dimensional drawing



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Approvals

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UL Listed

Approval ID: FILE E 140324



cUL Listed

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001152
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UNSPSC

UNSPSC 21.0	46171600
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

PSD-S 50 AS SCREW TM - Screw insert

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Screw set for third-party tube assembly



PSD-S 50 ME BR-SM-M - Mounting bracket

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Metal bracket for exterior cable entry



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PSD-S 50 ME BR-M12 M - Mounting bracket

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Metal bracket for products with M12 assembly thread

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

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Plastic bracket for vertical assembly of tubes with plastic foot

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PSD-S 50 ME OB-BM - Mounting material

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



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

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Junction box for vertical assembly, M20



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

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Junction box for magnetic assembly, M20



PSD-S 50 AS SCREW ME - Screw insert

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Screw set for junction boxes



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