PSD-S CE-SM SPRING - Connection element

2700091

https://www.phoenixcontact.com/gb/products/2700091

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Connection element with spring-cage terminal blocks for base mounting

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. Mounting elements for base or tube mounting can be used to mount the signal tower. Please note that PSD-S signal towers (70 mm diameter) are not mechanically compatible with PSD-S 50 signal towers (50 mm diameter).

Your advantages

- Connection element for mounting on a mounting surface (floor), junction box, or bracket
- Spring-cage connection
- Degree of protection: IP65, when mounted

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2700091
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRL116
Product key	DRL116
GTIN	4046356490146
Weight per piece (including packing)	94.2 g
Weight per piece (excluding packing)	86 g

Customs tariff number	85319000
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Assembly element
Product family	PSD-S
Scope of supply	End cover and seal
	End cover and seal
Number of mountable signal elements	max. 5

Connection data

without ferrule

Connection method	Spring-cage connection
Conductor cross-section, flexible	0.5 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	... 15
Stripping length	7 mm

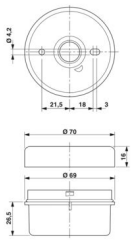
With ferrule

Connection method	Spring-cage connection
Conductor cross-section, flexible	0.25 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	... 15
Stripping length	7 mm

solid

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.5 mm² ... 1.5 mm²
Stripping length	7 mm

Dimensions

Dimensional drawing	
Height	27 mm
Diameter	69 mm

Material specifications

Color (Housing)	black (RAL 9005)
Material	PA-GF

Environmental and real-life conditions

Ambient conditions

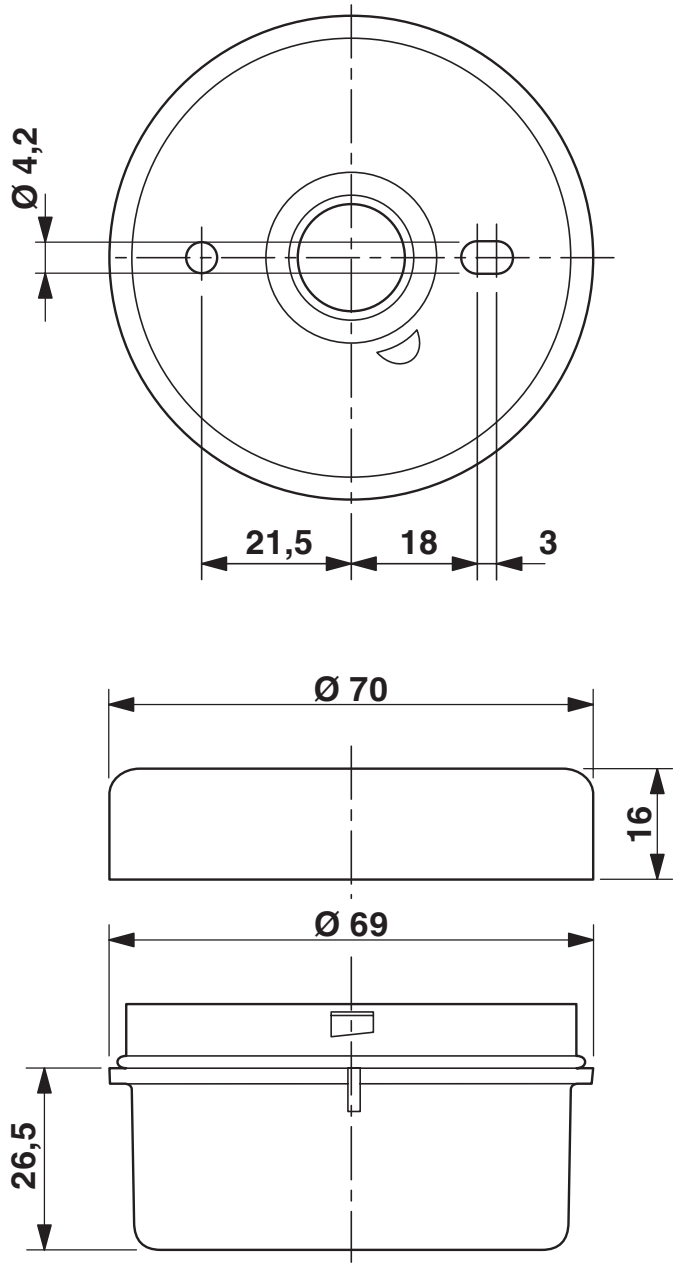
Degree of protection	IP65, when installed
Ambient temperature (operation)	-30 °C ... 50 °C

Mounting

Mounting type	Screw mounting (Seal pre-installed for each element)
Mounting position	any

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2700091

cULus Listed
Approval ID: E123528

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

EF3.1 Climate Change

CO2e kg	1.405 kg CO2e

Accessories

PSD-S ME OB - Mounting material

2700153

https://www.phoenixcontact.com/gb/products/2700153



Outlet box with lateral cable entry for floor and base mounting

PSD-S ME BR-SM - Mounting bracket

2700144

https://www.phoenixcontact.com/gb/products/2700144



Angle for floor mounting, black

PSD-S ME BR-SM/1S - Mounting bracket

2700160

https://www.phoenixcontact.com/gb/products/2700160

Angle for single-sided floor mounting, concealed cable routing, black



PSD-S ME BR-SM/2S - Mounting bracket

2700161

https://www.phoenixcontact.com/gb/products/2700161

Angle for two-sided floor mounting, concealed cable routing, black



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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk