

2700091

<https://www.phoenixcontact.com/us/products/2700091>

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Connection element with spring-cage terminal blocks for base mounting



Commercial data

Item number	2700091
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL116
Catalog page	Page 520 (C-6-2019)
GTIN	4046356490146
Weight per piece (including packing)	91.1 g
Weight per piece (excluding packing)	86 g
Customs tariff number	85319000
Country of origin	DE

PSD-S CE-SM SPRING - Connection element



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Technical data

Product properties

Product type	Assembly element
Scope of delivery	End cover and seal
	End cover and seal
Number of mountable signal elements	max. 5

Electrical properties

General

Nominal input voltage range	12 V AC/DC ... 240 V AC/DC
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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

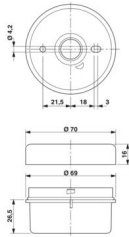
With ferrule

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

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Color	black
Material	PA-GF

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65, when installed
Ambient temperature (operation)	-30 °C ... 50 °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 instructions	Rubber seal pre-installed for each element
Mounting position	any

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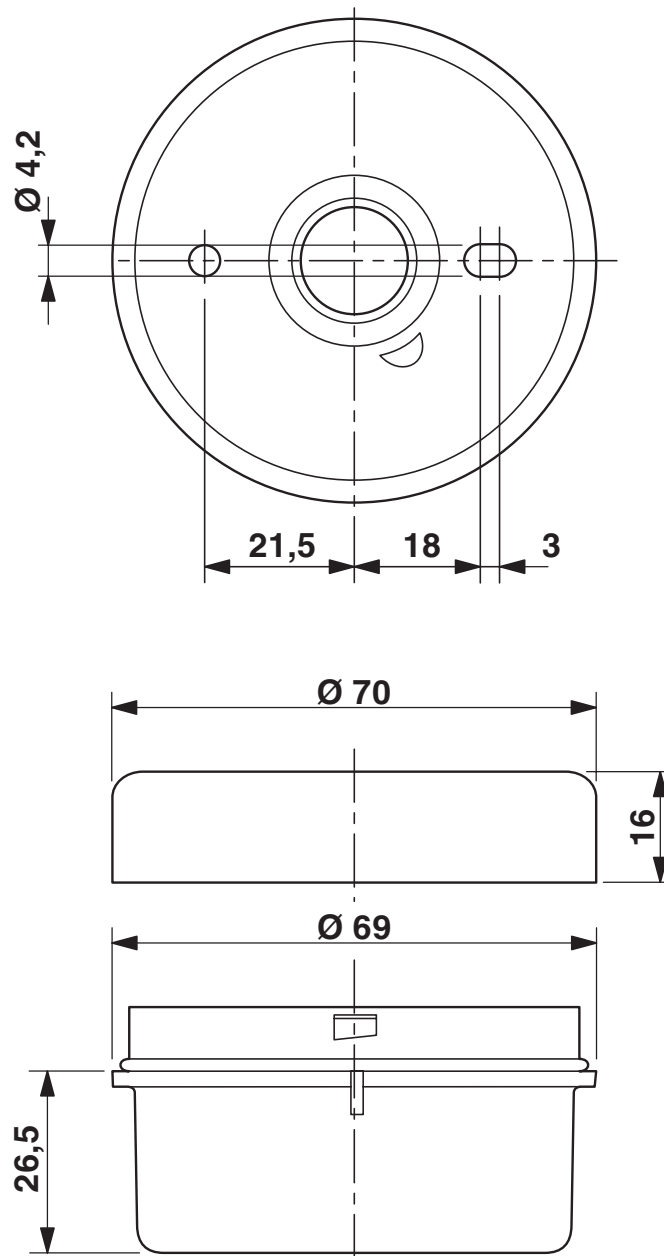
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Drawings

Dimensional drawing



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Approvals


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EAC
Approval ID: TR TS_D_03484



UL Listed
Approval ID: FILE E 123528



cUL Listed
Approval ID: FILE E 123528

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27371232
ECLASS-13.0	27371232
ECLASS-12.0	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
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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com