

1308636

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Device connector front mounting, Range of articles: PRC 20, color: black, number of positions: 4, min. conductor cross section: 0.5 mm², max. conductor cross section: 2.5 mm², rated voltage: 400 V, rated current: 20 A, Connection method: Screw connection, Contact connection type: Socket, Setting option for release: 1. with a tool or 2. by hand, scope: SIGNAL

Your advantages

- More space on the device front with current transmission up to 20 A in a minimum amount of space
- · Duo-Unlock technology for greater flexibility during installation and maintenance
- · Reliable use under extreme ambient conditions with high degrees of protection and impact resistance
- · Simple handling with proven crimp or screw connection technology
- · Mechanical and color coding for quick and error-free startup

Commercial data

Item number	1308636
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABLHAD
Product key	ABLHAD
GTIN	4063151560003
Weight per piece (including packing)	41.6 g
Weight per piece (excluding packing)	29.895 g
Country of origin	PL



1308636

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Technical data

Notes

Order information:	Setting option for release: 1. with a tool or 2. by hand
Note on application	For assembly notes, please refer to the packing slip

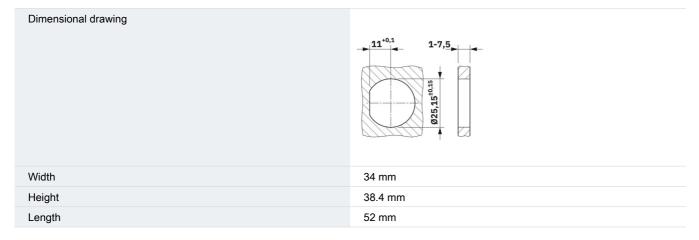
Product properties

Product type	Panel feed-through
Product family	PRC 20
Area of application	SIGNAL
Number of positions	4
Connection profile	4
Coding	4-C2
Insulation characteristics	. 52

Insulation characteristics

Protection class	Ш

Dimensions



Electrical properties

Nominal voltage ATD	400 V (III/2.00) in accordance with IEC 61984
	400 V AC (III/2.00) in accordance with IEC 61535
	600 V AC / DC (III/2.00) in accordance with UL 2238 / UL 2237
	500 V DC (III/2.00) in accordance with IEC 61535
Rated current	20 A (With 2.5 mm² conductor cross section in accordance with IEC 61535)

Material specifications

Color (Housing)	black (RAL 9005)
Material Housing	PPE
Material Contact	CuZn (Contact material, Pb < 0.1)
Flammability rating according to UL 94	V0

Cable/line



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Single wire, cross section	0.5 mm² 2.5 mm²
Stripping length of the individual wire	10 mm (Lay PE conductor 8 mm leading)
Halogen-free	yes

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 2 h)
	IP69
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C 85 °C (observe derating)
Ambient temperature (storage/transport)	-40 °C 75 °C
Ambient temperature (assembly)	-5 °C 85 °C

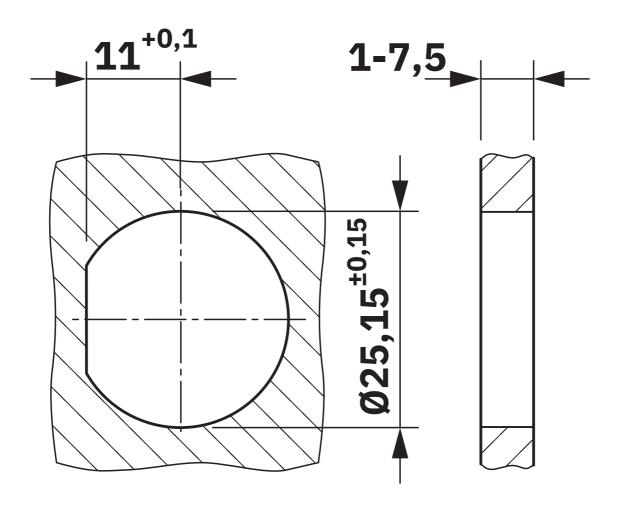


1308636

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Drawings

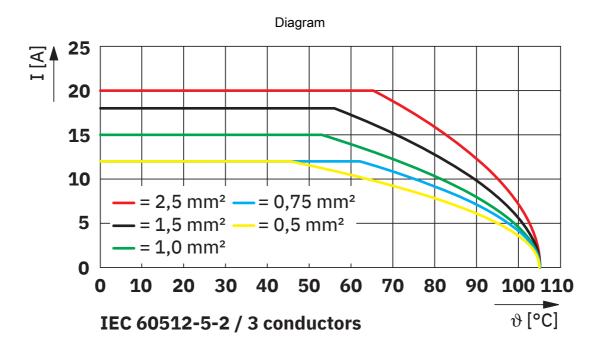
Dimensional drawing



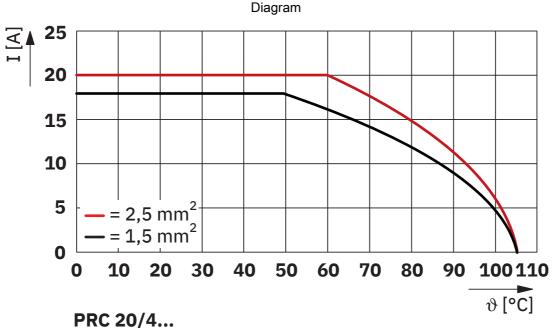


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Derating



IEC 61535 / 3 conductors

Derating



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1308636

<u> </u>	UL Listed Approval ID: E221474-2024	0312			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		600 V	20 A	-	20 - 14

• <u>®</u>	cUL Listed Approval ID: E221474-202	40312			
		Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
		600 V	20 A	20 - 14	-

VDE Zeichengener Approval ID: 326017-TL3	nmigung -1			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	500 V	20 A	-	0.5 - 2.5



1308636

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Classifications

ETIM 9.0

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	ECLASS-13.0	27440602
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EC002566



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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.)	Triphenyl phosphate(CAS: 115-86-6)	
SCIP	461f5a9e-263a-4ce2-8003-a1d1eba3522c	

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