PRC 5-SPLK-2,5 - Conductor connector

1274812

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Conductor connector, Range of articles: PRC 35, design: Straight, color: black, number of positions: 5, min. conductor cross-section: 0.75 mm^2, max. conductor cross-section: 4 mm^2, rated voltage: 1000, rated current: 32 A, Connection method: Screw connection, min. cable diameter: 9.5 mm, max. cable diameter: 12.5 mm

Your advantages

- Easily extend and repair lines and cables
- Suitable for use outdoors, thanks to UV- and saltwater-resistant plastics
- Patented closure technology prevents the housing from being opened accidentally

Commercial data

Item number	1274812
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCZD
GTIN	4063151466978
Weight per piece (including packing)	152.5 g
Weight per piece (excluding packing)	136.619 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Cable connector
Product family	PRC 35
Type	Straight
Number of positions	5

Insulation characteristics

Protection class	II (double or reinforced insulation)
Degree of pollution	2

Dimensions

Width	52 mm
Height	52 mm
Length	176 mm

Connection data

Conductor connection

Tightening torque	1.2 Nm (Contact screw)
	6 Nm (Cable gland)

Electrical properties

Rated voltage	1000 DIN VDE 60664-1
	600 V AC (III/2) In accordance with UL 2238
	500 V DC (III/2) in accordance with IEC 61535, when mounted
Rated current	32 A (Derating in accordance with IEC 60512-5-2, 4 mm², four-conductor current feed, max. ambient temperature of 50°C)

Material specifications

Color (Housing)	black (RAL 9005)
Material Seal	EPDM (Cable seal)
	EPDM (Housing seal)
Material Housing	PPE
Material Contact carrier	PPE
Material Contact	Cu alloy
Flammability rating according to UL 94	V0

Cable/line

External cable diameter	9.5 mm ... 12.5 mm
External cable diameter	9.5 mm ... 12.5 mm
Single wire, cross section	0.75 mm² 4 mm² 18 AWG 12 AWG
Halogen-free	yes (in accordance with IEC 61249-2-21:2003- 11 Cl.3.1)

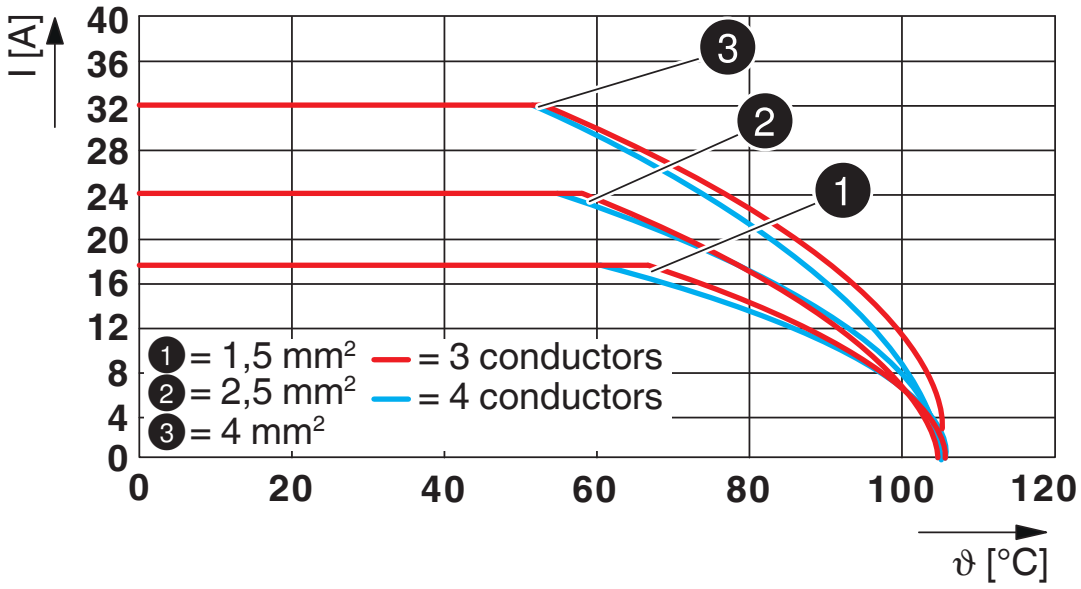
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (Test specification: IEC 60529)
Category of shock impact	IK07
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	5 °C ... 85 °C

Drawings

Diagram



Derating

Classifications

ECLASS

ECLASS-15.0	27440691
ECLASS-13.0	27440691

ETIM

ETIM 10.0	EC002863

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b08b6d57-2286-4bb1-9968-145dc7fd7ee1

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