PRC 5-CA-F-H07-4-2,5 - Connecting cable

1150675

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Connecting cable, Range of articles: PRC 35, color: black, number of positions: 5, max. conductor cross-section: 2.5 mm^2, rated voltage: 690 V AC, rated current: 32 A, Connection method: Screw connection, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

Your advantages

- Time savings of 80% for startup with Plug and Play
- Locking mechanism can be unlocked manually or using a tool
- Suitable for applications in atmospheres containing salt and in direct sunlight
- Ideal for indoor and outdoor use due to weatherproof materials

Commercial data

Item number	1150675
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLCDA
GTIN	4063151147877
Weight per piece (including packing)	1,124 g
Weight per piece (excluding packing)	1,098.053 g
Customs tariff number	85444290
Country of origin	PL

Technical data

Notes

Order information:	This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.
Note on application	For assembly notes, please refer to the packing slip

Product properties

Product type	Assembled installation cable
Product family	PRC 35
Number of positions	5
Connection profile	4+PE
Coding	AD

Insulation characteristics

Protection class	II
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	690 V
Rated voltage	690 V AC (III/2) in accordance with IEC 61984
	600 V AC (III/2) In accordance with UL 2238
	500 V AC / DC (III/2) in accordance with IEC 61535, when mounted
Rated surge voltage (III/2)	8 kV
Rated current	32 A (in accordance with IEC 61984)
	25 A (in accordance with IEC 61535)

Connection data

Connection technology

Connection method	Screw connection

Dimensions

Width	37.6 mm
Height	37.6 mm
Length	2.5 m

Material specifications

Color	black
Color of the housing part	black
Material Seal	EPDM (Cable seal)
	EPDM (Housing seal)
Material Housing	PPE
Material Contact carrier	PPE

Material Cable gland	PPE
Material Contact	CuZn (Contact material, Pb < 0.1)
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600
Contact material	Cu
Contact surface material	silver-plated

Cable/line

Single wire, cross section	2.5 mm²
Halogen-free	yes

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	2000 (Test specification: IEC 60512-13-2)
Insertion force	50 N ±10 N (Test specification: IEC 60512-13-2)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66/IP68 (2 m / 24 h) IP69K (plugged in)
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	30 °C ... 60 °C (not mobile)
Ambient temperature (storage/transport)	-30 °C ... 60 °C
Ambient temperature (assembly)	5 °C ... 60 °C

Classifications

ECLASS

ECLASS-13.0	27440604
ECLASS-15.0	27440604

ETIM

ETIM 10.0	EC002587

UNSPSC

UNSPSC 21.0	39121400

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	4e7a2ca0-1efd-4046-ada6-2e9e79a4a8c1

EF3.1 Climate Change

CO2e kg	3.536 kg CO2e

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