

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



1150675

<https://www.phoenixcontact.com/us/products/1150675>

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Connecting cable, Range of articles: PRC 35, housing material: PPE, color: black, number of positions: 5, max. conductor cross section: 2.5 mm<sup>2</sup>, rated voltage: 690 V AC, rated current: 32 A, Connection method: Screw connection, Contact connection type: Socket, 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)	1,120 g
Customs tariff number	85444290
Country of origin	PL

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## 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
Nominal voltage ATD	690 V AC (III/2.00) in accordance with IEC 61984
	600 V AC (III/2.00) in accordance with UL 2238
	500 V AC / DC (III/2.00) 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)

### Dimensions

Width	37.6 mm
Height	37.6 mm
Length	2.5 m

### Material specifications

Color	black
Color of the housing part	black
Material	EPDM
	EPDM
	PPE
	PPE
	PPE
	CuZn
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600

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Seal material	EPDM
Housing material	PPE
Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PPE
O-ring material	EPDM
Material for screw connection	PPE

## Cable/line

Single wire, cross section	2.5 mm <sup>2</sup>
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 (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K
Degree of protection	IP66 / IP68 (2m / 24h) / IP69K
Ambient temperature (operation)	30 °C ... 60 °C (not mobile)
Ambient temperature (storage/transport)	-30 °C ... 60 °C
Ambient temperature (assembly)	5 °C ... 60 °C

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## Classifications

### ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

### ETIM

ETIM 9.0	EC003569
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### UNSPSC

UNSPSC 21.0	39121400
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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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## Accessories

### PRC COVER F - Protective cap

1409236

<https://www.phoenixcontact.com/us/products/1409236>



Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000, Suitable for couplings (FS)

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### PRC COVER M - Protective cap

1409237

<https://www.phoenixcontact.com/us/products/1409237>



Protective cap, Range of articles: PRC 35, housing material: PPE, color: black, rated voltage: 1000, Suitable for connectors (MS)

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### PRC ED-T 1I5/2O5-4-HR-GN - T distributor

1079659

<https://www.phoenixcontact.com/us/products/1079659>



T distributor, Range of articles: PRC 35, design: T distributor, housing material: Polycarbonate fiber reinforced, color: black, max. conductor cross section: 4 mm<sup>2</sup>, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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### PRC ED-H 1I5/3O5-4-HR-GN - H distributor

1079660

<https://www.phoenixcontact.com/us/products/1079660>



H distributor, Range of articles: PRC 35, design: H-distributor, housing material: Polycarbonate fiber reinforced, color: black, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, This item is configurable. For a configuration, please contact your local Phoenix Contact subsidiary.

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

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## PRC ED-H 1I5/3O3-4-HR-GN - H distributor

1079661

<https://www.phoenixcontact.com/us/products/1079661>



H distributor, Range of articles: PRC 35, design: H-distributor, housing material: Polycarbonate fiber reinforced, color: black, rated voltage: 400 V, rated current: 32 A, Connection method: Preassembled, Contact connection type: Input: pin / outputs: socket, Alternatively, this item can be wired. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)