

2905263

<https://www.phoenixcontact.com/us/products/2905263>

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Assembled shielded round cable; controller: PLC logic (connection to the DIN rail connector); connection 1: COMBICON connectors (1x 3-position); connection 2: COMBICON connectors (1x 5-position); cable length: 0.3 m

Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2905263             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | C424                |
| Product key                          | CK26Z3              |
| Catalog page                         | Page 435 (C-5-2019) |
| GTIN                                 | 4046356958882       |
| Weight per piece (including packing) | 15.4 g              |
| Weight per piece (excluding packing) | 15.4 g              |
| Customs tariff number                | 85444290            |
| Country of origin                    | DE                  |

# PLC-V8C/CAB/TBUS/0,3M - Connecting cable



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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

### Connection data

#### Field level

|                                  |  |
|----------------------------------|--|
| Connection method                | COMBICON connectors                          |
| Stripping length                 | 7 mm   |
| Screw thread                     | M2   |
| Number of connections            | 1  |
| Number of positions              | 5  |
| Conductor cross section rigid    | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 28 ... 16                                    |

#### Controller level

|                                  |  |
|----------------------------------|--|
| Connection method                | COMBICON connectors                          |
| Stripping length                 | 6 mm   |
| Number of connections            | 1  |
| Number of positions              | 3  |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>  |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 20                                    |

### Dimensions

|        |       |
|--------|-------|
| Length | 0.3 m |
|--------|-------|

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 0.3 m |
|--------------|-------|

#### PVC gray [500]

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Cable weight        | 29 kg/km   |

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|   |   |
|---|---|
| Number of positions                         | 3   |
| Shielded                                    | no  |
| Cable type                                  | PVC gray [500]                                  |
| Conductor type                              | Assembled shielded round cable                  |
| Conductor structure signal line             | 14x 0.15 mm                                     |
| AWG signal line                             | 24  |
| Conductor cross section                     | 3x 0.25 mm <sup>2</sup> (Signal line)           |
| Wire diameter incl. insulation              | 1.17 mm ±0.05 mm                                |
| External cable diameter                     | 4.20 mm ±0.15 mm                                |
| Outer sheath, material                      | PVC   |
| External sheath, color                      | gray RAL 7001                                   |
| Conductor material                          | Bare Cu litz wires                              |
| Material wire insulation                    | PVC   |
| Single wire, color                          | brown, blue, black                              |
| Thickness, insulation                       | ≥ 0.23 mm (Core insulation)                     |
| Thickness, outer sheath                     | ≥ 0.76 mm                                       |
| Overall twist                               | 3 wires, twisted                                |
| Max. conductor resistance                   | max. 79 Ω/km (at 20 °C)                         |
| Insulation resistance                       | ≥ 100 MΩ*km (at 20 °C)                          |
| Nominal voltage, cable                      | ≥ 300 V   |
| Test voltage                                | ≤ 3000 V  |
| Smallest bending radius, fixed installation | 13 mm   |
| Halogen-free                                | no  |
| Flame resistance                            | As per UL-Style 2464                            |
| Resistance to oil                           | in accordance with DIN EN 60811-2-1             |
| Ambient temperature (operation)             | -40 °C ... 80 °C (cable, fixed installation)    |
|   | -25 °C ... 80 °C (Cable, flexible installation) |

## Approvals

UKCA

|             |                |
|-------------|----------------|
| Certificate | UKCA-compliant |
|-------------|----------------|

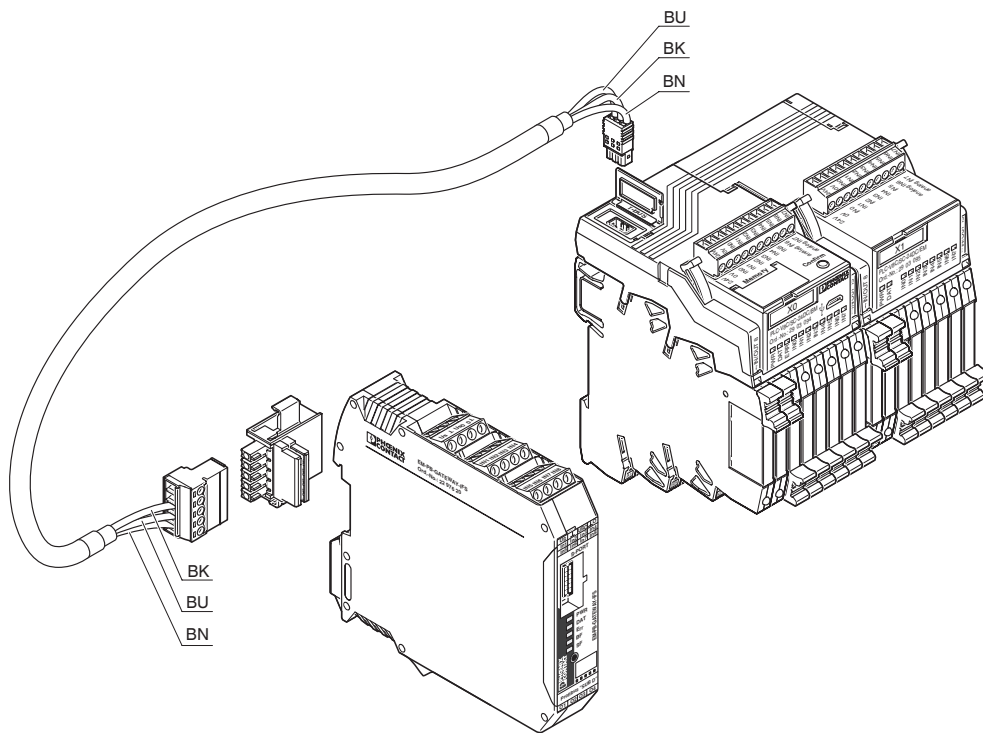
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## Drawings

Schematic diagram



# PLC-V8C/CAB/TBUS/0,3M - Connecting cable



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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2905263>



**EAC**

Approval ID: RU\*-DE.HB\*35.B00385

# PLC-V8C/CAB/TBUS/0,3M - Connecting cable



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27242220 |
| ECLASS-12.0 | 27242220 |
| ECLASS-13.0 | 27242220 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000237 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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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-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.)     | No substance above 0.1 wt%  |

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## Mandatory accessories

### PLC-V8C/PT-24DC/BM2 - Controller

2907446

<https://www.phoenixcontact.com/us/products/2907446>



PLC logic basic module, Generation 2, with 16 I/Os, for plug-in connection to eight digital or analog PLC-INTERFACE terminal blocks, can be extended to 48 I/Os, real-time clock, micro USB female connector, accommodates memory module and Bluetooth adapter, Push-in connection

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### PLC-V8C/SC-24DC/BM2 - Controller

2907447

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PLC logic basic module, Generation 2, with 16 I/Os, for plug-in connection to eight digital or analog PLC-INTERFACE terminal blocks, can be extended to 48 I/Os, real-time clock, micro USB female connector, accommodates memory module and Bluetooth adapter, screw connection

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## Accessories



# PLC-V8C/CAB/TBUS/0,3M - Connecting cable

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## KME - Cable marker carrier

0807083

<https://www.phoenixcontact.com/us/products/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 x 8 mm

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