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

2905263

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	DK26Z3
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

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.

Product properties

Product type	Adapter cable

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 mm² ... 1.5 mm²
Conductor cross-section flexible	0.14 mm² ... 1.5 mm²
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 mm² ... 0.5 mm²
Conductor cross-section flexible	0.14 mm² ... 0.5 mm²
Conductor cross-section AWG	24 ... 20

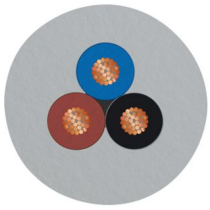
Dimensions

Length	0.3 m

Cable/line

Cable length	0.3 m

PVC gray [500]

Dimensional drawing	
Cable weight	29 kg/km
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 mm² (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)

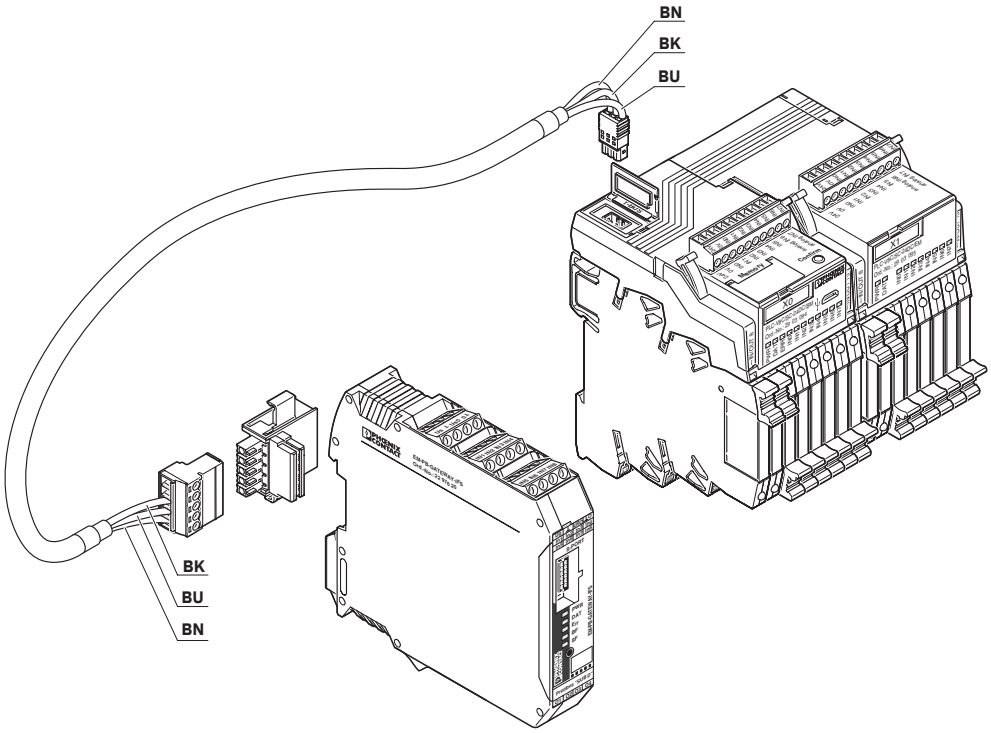
Approvals

UKCA

Certificate	UKCA-compliant

Drawings

Schematic diagram



Approvals

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

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

Classifications

ECLASS

ECLASS-13.0	27242220
ECLASS-15.0	27242220

ETIM

ETIM 10.0	EC000237

UNSPSC

UNSPSC 21.0	26121600

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%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

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