

VIP-CAB-FLK50/0,14/6,0M - Cable



2318923

<https://www.phoenixcontact.com/pc/products/2318923>

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 50-position, 90 °-out put); cable length: 6 m



Your advantages

- Available in any choice of length
- 26-pos. ... 50-pos.
- Individual serial number
- Connector in accordance with IEC 60603-13
- 1:1 connection

Commercial data

Item number	2318923
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK2221
Catalog page	Page 501 (C-7-2013)
GTIN	4046356312363
Weight per piece (including packing)	1,027.9 g
Weight per piece (excluding packing)	1,015 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	System cable
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Electrical properties

Operating voltage (AC)	≤ 50 V AC
Operating voltage (DC)	≤ 60 V DC
Current (Per path)	≤ 1 A

Cable/line

Cable length	6 m
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50X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	50
Shielded	no
Cable type	50X0.14 [PVC]
Conductor type	Round cable set
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	50x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	10.30 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	86 mm
Smallest bending radius, movable installation	161 mm
Max. bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1

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Resistance to oil	can withstand occasional splashes (raw cable)
Cable type	Cable for one module

Connection data

Field level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
Exit angle	90 °
Pitch	2.54 mm

Controller level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
Exit angle	180 °
Pitch	2.54 mm

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.
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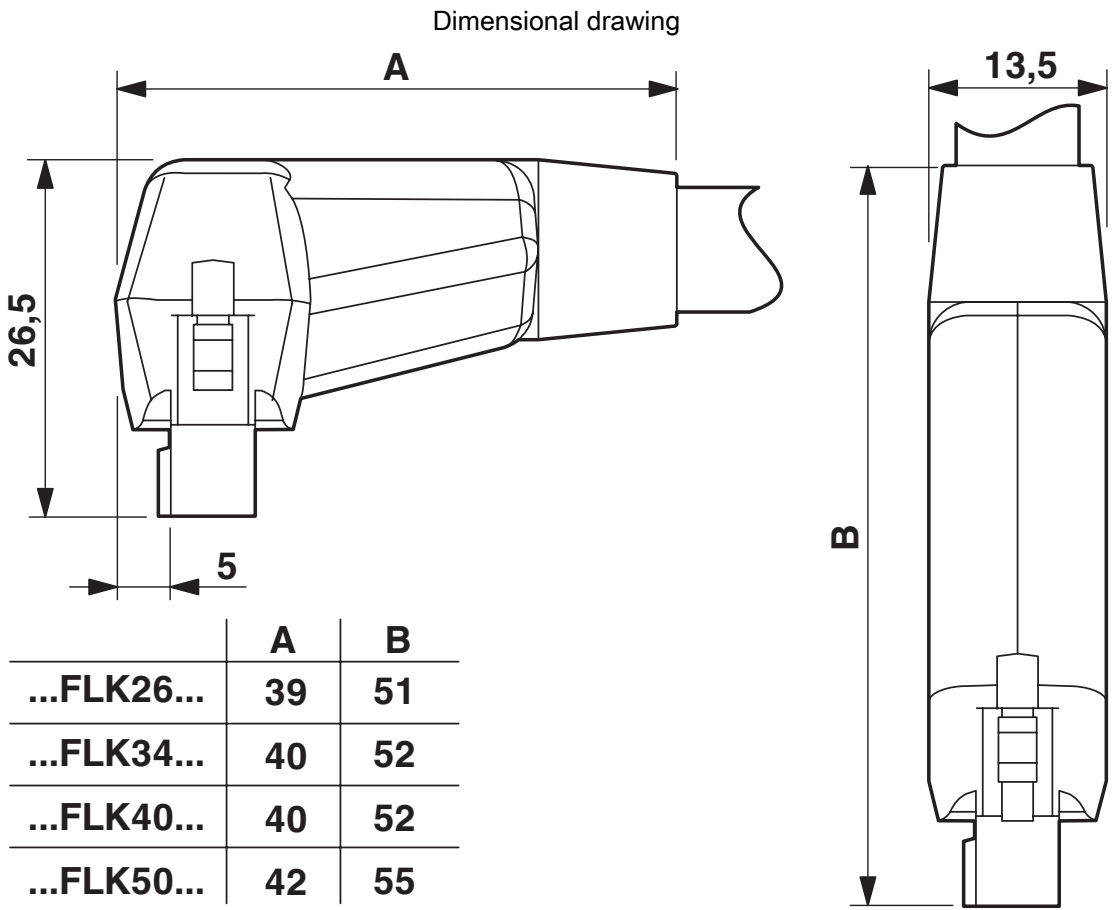
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Drawings



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Classifications

ECLASS

ECLASS-11.0	27242220
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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%