

Cable - VIP-CAB-FLK14/0,14/0,5M - 2318389

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Round cable set; connection 1: IDC/FLK socket strip (1x 14-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 14-position, 90 °-out put); cable length: 0.5 m

Your advantages

- ✓ Available in any choice of length
- ✓ 10 to 20-pos.
- ✓ Individual serial number
- ✓ Connector according to IEC 60603-13
- ✓ 1:1 connection

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 311618
GTIN	4046356311618

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation)
	-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP00
	≥ IP54 (Installation location)

General

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per path	1 A (50 °C)
	0.6 A (70 °C)

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Technical data

General

Length of cable	0.5 m
External cable diameter	6.4 mm $\pm$ 0.4 mm
Single wire, cross section	0.14 mm ²
Single wire, cross section [AWG]	26
Single wire, number of litz wires	7
Single wire, material	Cu tin-plated
Wire diameter incl. insulation	1 mm $\pm$ 0.03 mm
Smallest bending radius, fixed installation	55 mm
Smallest bending radius, movable installation	104 mm
Bending cycles	5000 (at a radius of $\geq$ 15x outside diameter)
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no
Cable insulation resistance	$\geq$ 20 M Ω /km (20 °C)
Cable resistance	$\leq$ 145 Ω /km (20 °C)
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Nominal operating mode	100% operating factor

Connection data

Connection name	Field level
Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	14
Exit angle	90 °
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection data 2

Connection name	Controller level
Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	14
Exit angle	180 °
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Standards and Regulations

Flame resistance	UL VW-1
	CSA FT-1
	IEC 60332-1-2

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Standards and Regulations

	VDE 0842, Part 332-1-2
	IEC 60332-3-22
Resistance to oil	against occasional splashes
Gasoline resistance	against occasional splashes
Connection in acc. with standard	CUL
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Supported controller

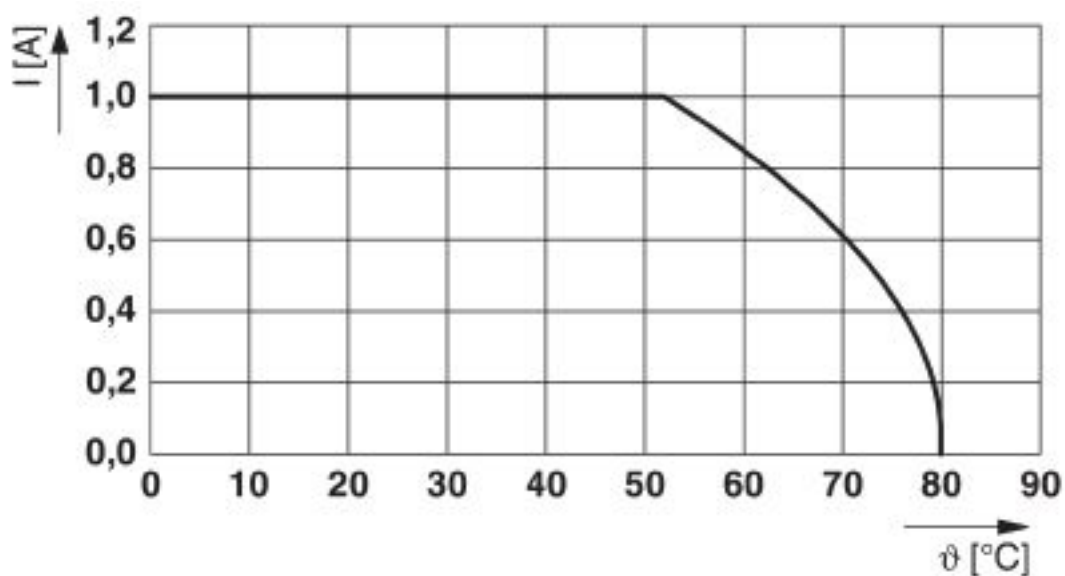
Controller	universal
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

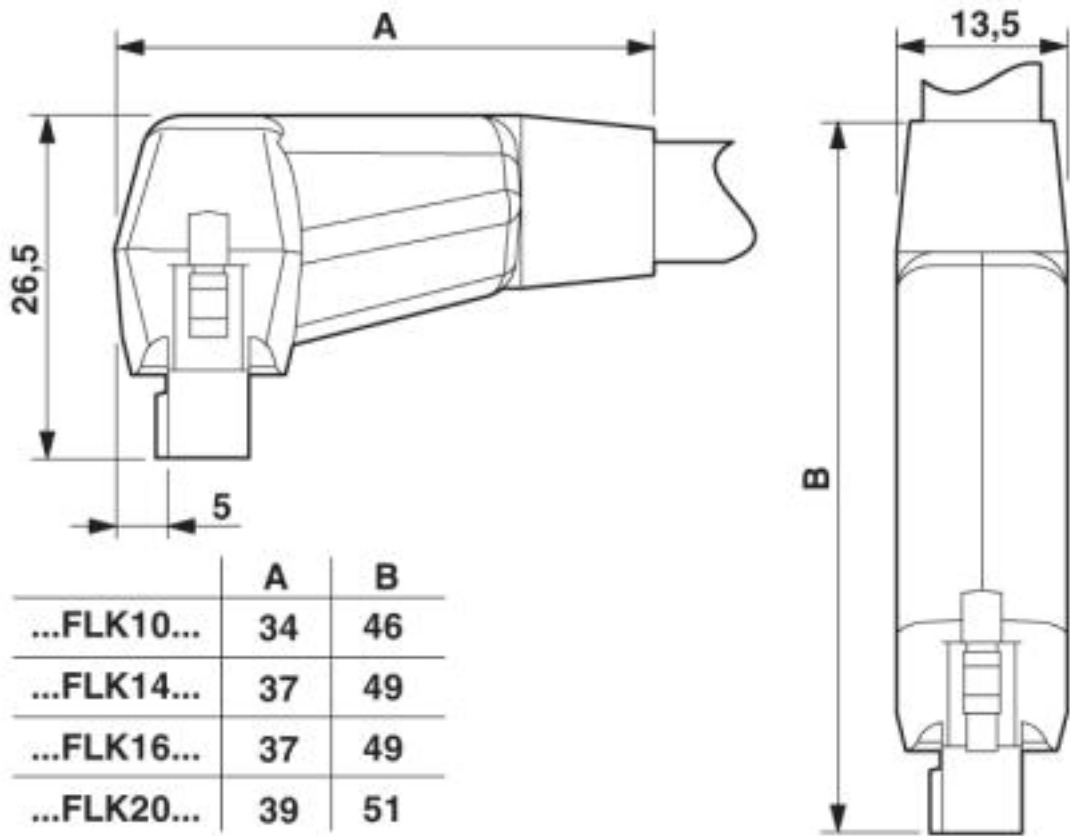
Diagram



Maximum permissible current per path in uncoiled state

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Dimensional drawing



Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

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EAC		RU C- DE.A*30.B00767
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cULus Listed	
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