

VIP-CAB-FLK34/20,0M/S/SC057 - Cable



2909537

<https://www.phoenixcontact.com/us/products/2909537>

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Assembled shielded round cable with additional shield connection and two molded 34-pos. socket strips (1:1 connection). The cable has two 180° punched-on connectors, cable length: 20 m

Your advantages

- 34-pos.
- 1:1 connection

Commercial data

Item number	2909537
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2AH2
GTIN	4055626364049
Weight per piece (including packing)	2.706 kg
Weight per piece (excluding packing)	2.7 kg
Country of origin	DE

Technical data

Product properties

Product type	System cable
Insulation characteristics: Air clearances and creepage distances	
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation) (fixed installation)	-40 °C ... 70 °C (fixed installation)
Ambient temperature (operation) (flexible installation)	-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

Electrical properties

Operating voltage (DC)	≤ 24 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 0.5 A

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 µs)

Cable/line

Cable length	20 m
UL AWM Style	2464/1061
Number of positions	34
Shielded	yes
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	34x 0.14 mm ²
Halogen-free	no
Cable type	Cable for one module

Connection data

Flat-ribbon cable connector

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip

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Number of connections	1
Number of positions	34
Exit angle	180 °
Insertion/withdrawal cycles	> 200
Pitch	2.54 mm

Flat-ribbon cable connector

Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	34
Exit angle	180 °
Insertion/withdrawal cycles	> 200
Pitch	2.54 mm

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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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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Drawings

Diagram



Maximum permissible current per path in uncoiled state

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Classifications

ECLASS

ECLASS-13.0	27242220
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ETIM

ETIM 8.0	EC000237
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com