

VIP-3/SC/FLK50 - Interface module

2315081

<https://www.phoenixcontact.com/in/products/2315081>

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VARIOFACE module, with screw connection and flat-ribbon cable connector, for mounting on NS 35 rails, with pin strip and short and long locking latches for socket strips, 50-pos.

Your advantages

- 10-pos. ... 64-pos.
- Metal foot
- In accordance with IEC 60603-13
- 1:1 connection
- Screw connection

Commercial Data

Item number	2315081
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	CK2
Product Key	CK2411
Catalog Page	Page 549 (C-5-2019)
GTIN	4046356312899
Weight per Piece (including packing)	234 g
Weight per Piece (excluding packing)	234 g
Customs tariff number	85366990
Country of origin	US

VIP-3/SC/FLK50 - Interface module



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Technical Data

Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	50
No. of channels	2
	4
	6
	8
	16

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

No. of channels	24 6 8 16
Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per branch	1 A
Rated surge voltage	0.6 kV

Connection data

Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

Signaling

Status display	No
Status display present	No

Dimensions

VIP-3/SC/FLK50 - Interface module



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Width	92.7 mm
Height	69 mm
Depth	62 mm

Material specifications

Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA non-reinforced

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Mounting position	any

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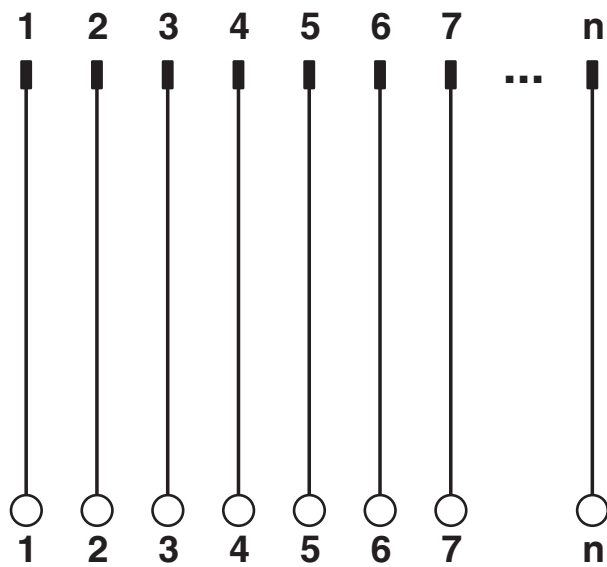
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Drawings

Circuit diagram




VIP-3/SC/FLK50 - Interface module



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Approvals

 CSA Approval ID: 2122203				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	1 A	30 - 12	-

 cUL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	1 A	30 - 12	-

 UL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	1 A	30 - 12	-

 EAC Approval ID: EAC-Zulassung				
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 CSAus Approval ID: 2122203				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	1 A	30 - 12	-

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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 8.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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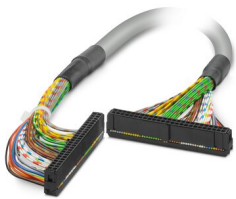
Accessories

FLK EZ-DR.../.../... - Cable

2295059

<https://www.phoenixcontact.com/in/products/2295059>

Round cable, with preassembly, not shielded, variable cable length



FLK EZ-DR-S.../.../... - Cable

2295046

<https://www.phoenixcontact.com/in/products/2295046>

Round cable, with preassembly, shielded, variable cable length



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UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/in/products/0818111>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

UC-TM 6 - Marker for terminal blocks

0818085

<https://www.phoenixcontact.com/in/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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UCT-TM 6 - Marker for terminal blocks

0828736

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Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

ZB 5,08:UNBEDRUCKT - Zack marker strip

0809793

<https://www.phoenixcontact.com/in/products/0809793>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.08 mm, lettering field size: 4.98 x 10.5 mm, Number of individual labels: 10

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ZB 22:UNBEDRUCKT - Zack marker strip

0811862

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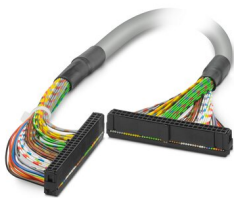


Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 22 mm, lettering field size: 10.5 x 21.8 mm, Number of individual labels: 4

FLK 50/EZ-DR/ 50/KONFEK - Cable

2289065

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 0.5 m

VIP-3/SC/FLK50 - Interface module

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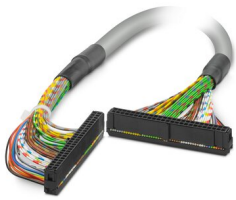
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FLK 50/EZ-DR/ 100/KONFEK - Cable

2289078

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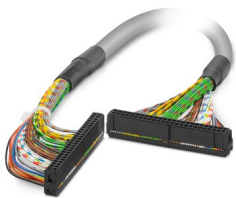


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

FLK 50/EZ-DR/ 150/KONFEK - Cable

2289081

<https://www.phoenixcontact.com/in/products/2289081>



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.5 m

VIP-3/SC/FLK50 - Interface module

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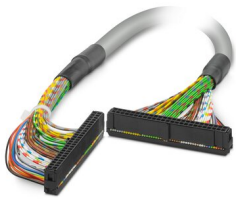
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FLK 50/EZ-DR/ 200/KONFEK - Cable

2289094

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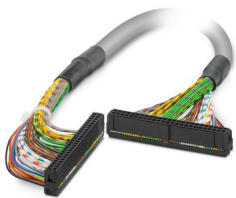


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

FLK 50/EZ-DR/ 250/KONFEK - Cable

2289104

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2.5 m

VIP-3/SC/FLK50 - Interface module

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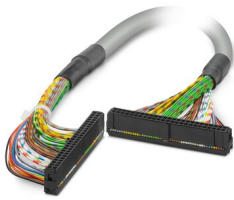
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FLK 50/EZ-DR/ 300/KONFEK - Cable

2289117

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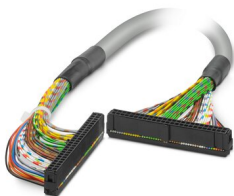


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

FLK 50/EZ-DR/ 350/KONFEK - Cable

2289120

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3.5 m

VIP-3/SC/FLK50 - Interface module

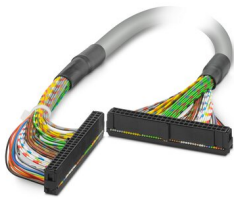
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FLK 50/EZ-DR/ 400/KONFEK - Cable

2289133

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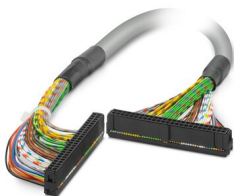


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

FLK 50/EZ-DR/ 450/KONFEK - Cable

2289573

<https://www.phoenixcontact.com/in/products/2289573>



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4.5 m

VIP-3/SC/FLK50 - Interface module

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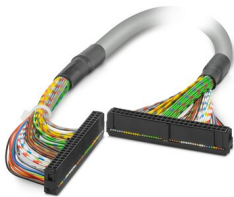
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FLK 50/EZ-DR/ 500/KONFEK - Cable

2289586

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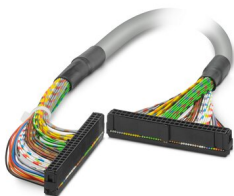


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

FLK 50/EZ-DR/ 550/KONFEK - Cable

2289599

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5.5 m

VIP-3/SC/FLK50 - Interface module

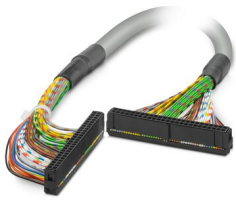
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FLK 50/EZ-DR/ 600/KONFEK - Cable

2289609

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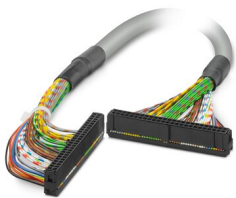


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6 m

FLK 50/EZ-DR/ 700/KONFEK - Cable

2289625

<https://www.phoenixcontact.com/in/products/2289625>



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7 m

VIP-3/SC/FLK50 - Interface module

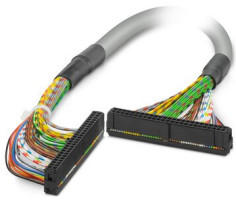
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FLK 50/EZ-DR/ 750/KONFEK - Cable

2289638

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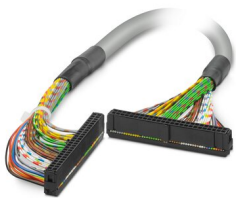


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7.5 m

FLK 50/EZ-DR/ 800/KONFEK - Cable

2289641

<https://www.phoenixcontact.com/in/products/2289641>



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8 m

VIP-3/SC/FLK50 - Interface module

2315081

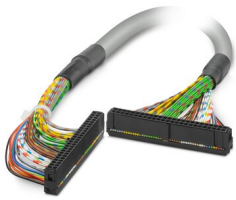
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FLK 50/EZ-DR/ 850/KONFEK - Cable

2289654

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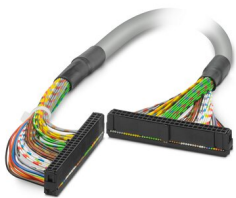


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8.5 m

FLK 50/EZ-DR/ 900/KONFEK - Cable

2289667

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9 m

VIP-3/SC/FLK50 - Interface module

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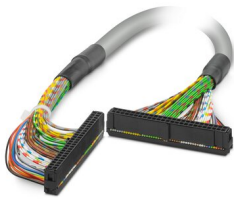
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FLK 50/EZ-DR/1000/KONFEK - Cable

2289683

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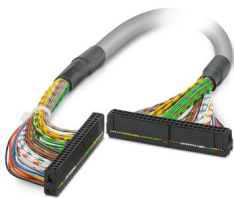


Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 10 m

FLK 50/EZ-DR/ 125/KONFEK - Cable

2296197

<https://www.phoenixcontact.com/in/products/2296197>



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.25 m

VIP-3/SC/FLK50 - Interface module

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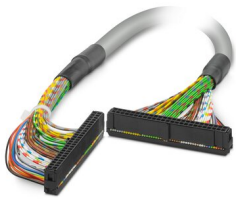
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FLK 50/EZ-DR/1200/KONFEK - Cable

2296223

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 12 m

FLK 50/EZ-DR/ 50/KONFEK/S - Cable

2299097

<https://www.phoenixcontact.com/in/products/2299097>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 0.5 m

VIP-3/SC/FLK50 - Interface module

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FLK 50/EZ-DR/ 100/KONFEK/S - Cable

2299107

<https://www.phoenixcontact.com/in/products/2299107>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

FLK 50/EZ-DR/ 150/KONFEK/S - Cable

2299110

<https://www.phoenixcontact.com/in/products/2299110>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1.5 m

VIP-3/SC/FLK50 - Interface module

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FLK 50/EZ-DR/ 200/KONFEK/S - Cable

2299123

<https://www.phoenixcontact.com/in/products/2299123>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

FLK 50/EZ-DR/ 300/KONFEK/S - Cable

2299136

<https://www.phoenixcontact.com/in/products/2299136>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

VIP-3/SC/FLK50 - Interface module

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FLK 50/EZ-DR/ 400/KONFEK/S - Cable

2299149

<https://www.phoenixcontact.com/in/products/2299149>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

FLK 50/EZ-DR/ 600/KONFEK/S - Cable

2299152

<https://www.phoenixcontact.com/in/products/2299152>



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 6 m

VIP-3/SC/FLK50 - Interface module

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FLK 50/EZ-DR/1000/KONFEK/S - Cable

2299178

<https://www.phoenixcontact.com/in/products/2299178>

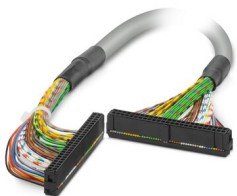


Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 10 m

CABLE-FLK50/0,14/HF/ 0,5M - Cable

2314134

<https://www.phoenixcontact.com/in/products/2314134>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 0.5 m

VIP-3/SC/FLK50 - Interface module

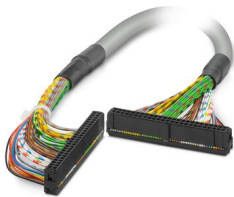
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CABLE-FLK50/0,14/HF/ 1,0M - Cable

2314147

<https://www.phoenixcontact.com/in/products/2314147>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

CABLE-FLK50/0,14/HF/ 1,5M - Cable

2314150

<https://www.phoenixcontact.com/in/products/2314150>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.5 m

VIP-3/SC/FLK50 - Interface module

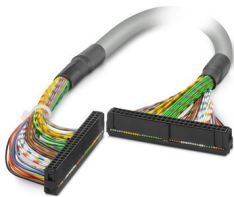
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CABLE-FLK50/0,14/HF/ 2,0M - Cable

2314163

<https://www.phoenixcontact.com/in/products/2314163>

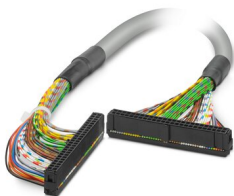


Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

CABLE-FLK50/0,14/HF/ 2,5M - Cable

2314176

<https://www.phoenixcontact.com/in/products/2314176>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2.5 m

VIP-3/SC/FLK50 - Interface module

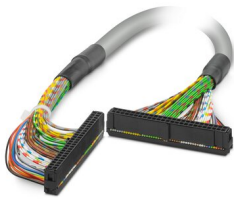
2315081

<https://www.phoenixcontact.com/in/products/2315081>

CABLE-FLK50/0,14/HF/ 3,0M - Cable

2314189

<https://www.phoenixcontact.com/in/products/2314189>

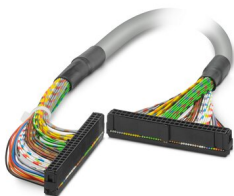


Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

CABLE-FLK50/0,14/HF/ 4,0M - Cable

2314192

<https://www.phoenixcontact.com/in/products/2314192>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

VIP-3/SC/FLK50 - Interface module

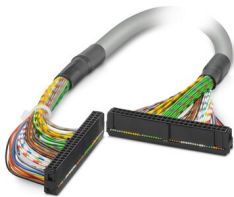
2315081

<https://www.phoenixcontact.com/in/products/2315081>

CABLE-FLK50/0,14/HF/ 5,0M - Cable

2314202

<https://www.phoenixcontact.com/in/products/2314202>

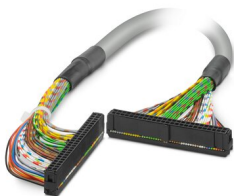


Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

CABLE-FLK50/0,14/HF/10,0M - Cable

2314244

<https://www.phoenixcontact.com/in/products/2314244>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 10 m

VIP-3/SC/FLK50 - Interface module

2315081

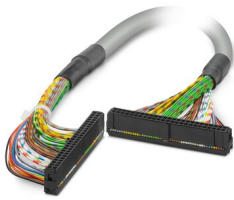
<https://www.phoenixcontact.com/in/products/2315081>



CABLE-FLK50-0,14-HF/... - Cable

2314257

<https://www.phoenixcontact.com/in/products/2314257>



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: variable

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PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in