

VIP-2/PT/FLK20 - Interface module



2903790

<https://www.phoenixcontact.com/us/products/2903790>

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VARIOFACE module, with push-in connections and flat-ribbon cable connector, for mounting on NS 35 rails, with pin strip and short and long locking latches for socket strips, 20-pos.

Commercial data

Item number	2903790
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK2121
Catalog page	Page 550 (C-5-2019)
GTIN	4046356796644
Weight per piece (including packing)	125.7 g
Weight per piece (excluding packing)	125 g
Customs tariff number	85366990
Country of origin	US

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	20
No. of channels	2
	4
	8
	16

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

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 method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross section AWG	26 ... 14

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	20
Pitch	2.54 mm

Signaling

Status display	No
Status display present	No

Dimensions

Item dimensions

Width	57.1 mm
Height	72.1 mm
Depth	56 mm

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Material specifications

Color	gray (RAL 7042)
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

Notes

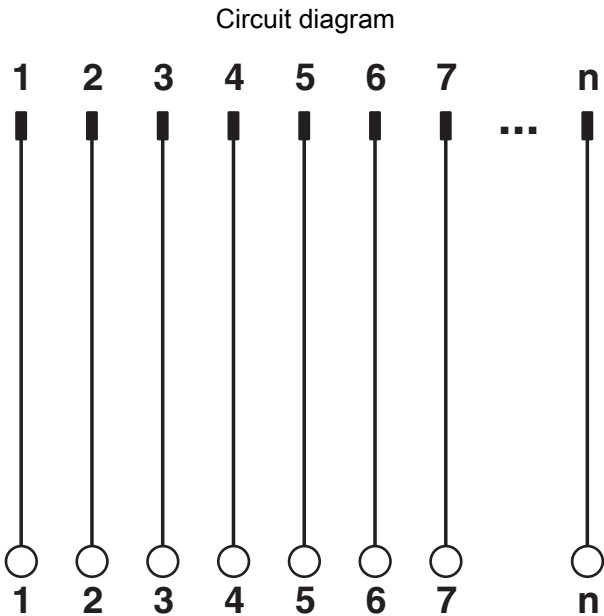
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Drawings



VIP-2/PT/FLK20 - Interface module



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903790>

	CSA Approval ID: 2122203			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	125 V	1 A	26 - 14	-

	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	26 - 14	-

	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	26 - 14	-

	CSAus Approval ID: 2122203			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	125 V	1 A	26 - 14	-

cULus Recognized

cCSAus

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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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-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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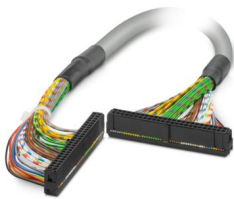
Accessories

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

2295059

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

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



UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/us/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



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UC-TM 6 - Marker for terminal blocks

0818085

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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

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

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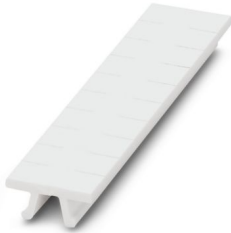
<https://www.phoenixcontact.com/us/products/2903790>



ZB 5,08:UNBEDRUCKT - Zack marker strip

0809793

<https://www.phoenixcontact.com/us/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

ZB 22:UNBEDRUCKT - Zack marker strip

0811862

<https://www.phoenixcontact.com/us/products/0811862>



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

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FLK 20/EZ-DR/ 50KONFEK - Cable

2296391

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 0.5 m

FLK 20/EZ-DR/ 100KONFEK - Cable

2296401

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1 m

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FLK 20/EZ-DR/ 150KONFEK - Cable

2296472

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1.5 m

FLK 20/EZ-DR/ 200KONFEK - Cable

2296485

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 2 m

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FLK 20/EZ-DR/ 300KONFEK - Cable

2296498

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 3 m

FLK 20/EZ-DR/ 400KONFEK - Cable

2296508

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 4 m

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FLK 20/EZ-DR/ 800KONFEK - Cable

2296524

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 8 m

FLK 20/EZ-DR/1000KONFEK - Cable

2296537

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Round cable set; connection 1: IDC/FLK socket strip (1x 20-position); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 10 m

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CABLE-FLK20/OE/0,14/ 50 - Cable

2305826

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 0.5 m

CABLE-FLK20/OE/0,14/ 100 - Cable

2305305

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1 m

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CABLE-FLK20/OE/0,14/ 150 - Cable

2305318

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 1.5 m

CABLE-FLK20/OE/0,14/ 200 - Cable

2305321

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 2 m

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CABLE-FLK20/OE/0,14/ 250 - Cable

2305334

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 2.5 m

CABLE-FLK20/OE/0,14/ 300 - Cable

2305347

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 3 m

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CABLE-FLK20/OE/0,14/ 400 - Cable

2305839

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 4 m

CABLE-FLK20/OE/0,14/ 600 - Cable

2305842

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 6 m

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CABLE-FLK20/OE/0,14/ 800 - Cable

2305855

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 8 m

CABLE-FLK20/OE/0,14/1000 - Cable

2305868

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: 10 m

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CABLE-FLK20/OE/0,14/... - Cable

2305745

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 20-position); cable length: variable

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