VIP-3/PT/FLK40 - Interface module

2903793

https://www.phoenixcontact.com/us/products/2903793

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VARIOFACE module, with push-in connection and flat-ribbon cable connector, for mounting on NS 35 DIN rails, with pin strip plus short and long locking latches for socket strips, 40-pos.

Commercial data

Item number	2903793
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	CK2121
Catalog page	Page 551 (C-5-2019)
GTIN	4046356796675
Weight per piece (including packing)	197.2 g
Weight per piece (excluding packing)	197.2 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	40
No. of channels	2
	4
	6
	8
	16
	32

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

Supported controller ALLEN-BRADLEY SLC 500

Suitable I/O card	1746 OB 32
	1746 OV 32
	1746 IB 32
	1746 IV 32

Connection data

Field level

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	0.14 mm² ... 2.5 mm²
Conductor cross section flexible	0.14 mm² ... 2.5 mm²
Conductor cross section AWG	26 ... 14

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	40
Pitch	2.54 mm

Signaling

Status display	No
Status display present	No

Dimensions

Item dimensions

Width	77.4 mm
Height	75.8 mm
Depth	63 mm

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.

Drawings

Circuit diagram

1	2	3	4	5	6	7	...	n

1	2	3	4	5	6	7	n
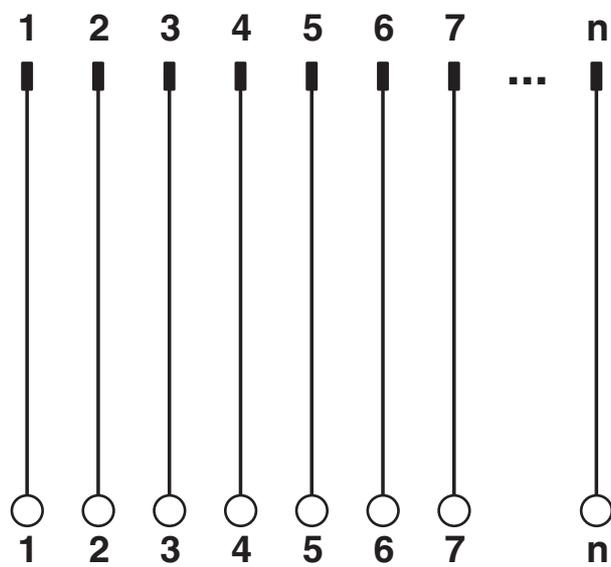
Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2903793

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	-

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	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

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

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%

Accessories

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

2295059

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

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

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

2295046

https://www.phoenixcontact.com/us/products/2295046

Round cable, with preassembly, 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

UC-TM 6 - Marker for terminal blocks

0818085

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

UCT-TM 6 - Marker for terminal blocks

0828736

https://www.phoenixcontact.com/us/products/0828736

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/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

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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

FLK 40/EZ-DR/ 50/KONFEK - Cable

2288985

https://www.phoenixcontact.com/us/products/2288985

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 0.5 m

FLK 40/EZ-DR/ 100/KONFEK - Cable

2288998

https://www.phoenixcontact.com/us/products/2288998

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 1 m

FLK 40/EZ-DR/ 150/KONFEK - Cable

2289007

https://www.phoenixcontact.com/us/products/2289007

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 1.5 m

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FLK 40/EZ-DR/ 200/KONFEK - Cable

2289010

https://www.phoenixcontact.com/us/products/2289010

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 2 m

FLK 40/EZ-DR/ 250/KONFEK - Cable

2289023

https://www.phoenixcontact.com/us/products/2289023

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 2.5 m

FLK 40/EZ-DR/ 300/KONFEK - Cable

2289036

https://www.phoenixcontact.com/us/products/2289036

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 3 m

FLK 40/EZ-DR/ 350/KONFEK - Cable

2289049

https://www.phoenixcontact.com/us/products/2289049

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 3.5 m

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FLK 40/EZ-DR/ 400/KONFEK - Cable

2289052

https://www.phoenixcontact.com/us/products/2289052

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 4 m

FLK 40/EZ-DR/ 600/KONFEK - Cable

2299589

https://www.phoenixcontact.com/us/products/2299589

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 6 m

FLK 40/EZ-DR/ 800/KONFEK - Cable

2299592

https://www.phoenixcontact.com/us/products/2299592

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 8 m

FLK 40/EZ-DR/1000/KONFEK - Cable

2299602

https://www.phoenixcontact.com/us/products/2299602

Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 10 m