PHŒNIX CONTACT

Interface module - VIP-2/PT/FLK16 - 2903789

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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, 16-pos.

The illustration shows a 14-position version

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	113.0 g
Custom tariff number	85369010
Country of origin	United States

Technical data

Dimensions

Width	46.9 mm
Height	72.1 mm
Depth	56 mm

Ambient conditions

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

General

Max. perm. operating voltage	60 V AC/DC
Max. perm. current (per branch)	1 A
Number of positions	16
Status display	No
Mounting position	any
Standards/regulations	IEC 60664
	DIN EN 50178

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Technical data

General

	IEC 62103
Rated surge voltage	0.6 kV
Degree of pollution	2
Overvoltage category	II

Connection data for connection 1

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

Connection data for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1
Number of positions	16
Pitch	2.54 mm

Standards and Regulations

Connection in acc. with standard	CSA
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2
Overvoltage category	II

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

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Classifications

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

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Ex Approvals

Approvals submitted

Approval details

CSA	
mm²/AWG/kcmil	26-14
Nominal current IN	1 A
Nominal voltage UN	125 V

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Approvals

UL Recognized

mm²/AWG/kcmil	26-14
Nominal current IN	1 A
Nominal voltage UN	125 V

cUL Recognized

mm²/AWG/kcmil	26-14
Nominal current IN	1 A
Nominal voltage UN	125 V

EAC

EAC

cULus Recognized

Accessories

Accessories

System cable

Cable - VIP-CAB-FLK16/0,14/0,5M - 2318460

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 0.5 m

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Cable - VIP-CAB-FLK16/0,14/1,0M - 2318473

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1 m

Cable - VIP-CAB-FLK16/0,14/1,5M - 2318486

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1.5 m

Cable - VIP-CAB-FLK16/0,14/2,0M - 2318499

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 2 m

Cable - VIP-CAB-FLK16/0,14/3,0M - 2318509

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 3 m

Cable - VIP-CAB-FLK16/0,14/4,0M - 2318512

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 4 m

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Accessories

Cable - VIP-CAB-FLK16/0,14/6,0M - 2318525

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 6 m

Cable - VIP-CAB-FLK16-0,14/... - 2318538

Assembled round cable with two molded 16-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: Variable

Cable - FLK 16/EZ-DR/ 50/KONFEK - 2299291

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 0.5 m

Cable - FLK 16/EZ-DR/ 100/KONFEK - 2299301

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 1 m

Cable - FLK 16/EZ-DR/ 150/KONFEK - 2299314

Round cable set, with two 16-pos. socket strips, (1:1 connection), cable length: 1.5 m

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Accessories

Cable - FLK 16/EZ-DR/ 200/KONFEK - 2299327

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 2 m

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 3 m

Cable - FLK 16/EZ-DR/ 400/KONFEK - 2299343

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 4 m

Cable - FLK 16/EZ-DR/ 600/KONFEK - 2299356

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 6 m

Cable - FLK 16/EZ-DR/ 800/KONFEK - 2299369

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 8 m

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Accessories

Cable - FLK 16/EZ-DR/1000/KONFEK - 2299372

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 10 m

Cable - FLK EZ-DR.../.../... - 2295059

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

Cable - FLK 16/EZ-DR/ 100/KONFEK/S - 2304542

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 1 m

Cable - FLK 16/EZ-DR/ 150/KONFEK/S - 2304623

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 1.5 m

Cable - FLK 16/EZ-DR/ 200/KONFEK/S - 2304555

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 2 m

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Accessories

Cable - FLK 16/EZ-DR/ 300/KONFEK/S - 2318088

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 3 m

Cable - FLK 16/EZ-DR/ 400/KONFEK/S - 2318091

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 4 m

Cable - FLK 16/EZ-DR/ 500/KONFEK/S - 2318965

Assembled, shielded round cable, with two 16-pos. socket strips (1:1 connection), length: 5 m

Cable - FLK 16/EZ-DR/ 600/KONFEK/S - 2314477

Round shielded cable set, with two 16-pos. socket strips (1:1 connection), length: 6 m

Cable - FLK EZ-DR-S.../.../... - 2295046

Round cable, with preassembly, shielded, variable cable length

Terminal marking

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Accessories

Marker for terminal blocks - UC-TM 4 - 0818111

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 4.2 mm, Lettering field: 3.6 x 10.5 mm

Marker for terminal blocks - UC-TM 6 - 0818085

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Zack marker strip - ZB 5,08:UNBEDRUCKT - 0809793

Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 5.08 mm, Lettering field: 4.98 x 10.5 mm

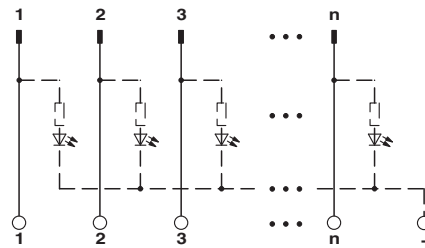Zack marker strip - ZB 22:UNBEDRUCKT - 0811862

Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 22 mm, Lettering field: 10.5 x 21.8 mm

Drawings

Interface module - VIP-2/PT/FLK16 - 2903789

Circuit diagram

Mouser Electronics

Authorized Distributor

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