

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



VARIOFACE interface module, with push-in connection, for 32 channels



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356796774 |
| Weight per Piece (excluding packing) | 218.100 g |
| Custom tariff number | 85366990 |
| Country of origin | United States |

Technical data

Dimensions

| | |
|--------|----------|
| Width | 107.9 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. permissible operating voltage | 25 V AC |
| | 60 V DC |
| Max. perm. current (per branch) | 1 A |
| Max. permissible current (separate power supply) | 2 A (per byte) |
| Number of positions | 50 |
| Status display | No |

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Technical data

General

| | |
|-------------------|-----|
| Mounting position | any |
|-------------------|-----|

Connection data

| | |
|----------------------------------|--|
| Connection name | Field level |
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 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 |

Connection data 2

| | |
|-----------------------|-------------------|
| Connection name | Controller level |
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 50 |
| Pitch | 2.54 mm |

Supported controller

| | |
|---------------------|-----------------------------|
| Controller | SIEMENS S7-1500 |
| - suitable I/O card | 6ES7 521-1BL00-0AB0 |
| | 6ES7 522-1BL00-0AB0 |
| | 6ES7 522-1BL01-0AB0 |
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IA16I |
| | 1756-IB16D |
| | 1756-IB16I |
| | 1756-IB32 |
| | 1756-IH16I |
| | 1756-OB32 |
| | 1756-IF8 |
| | 1756-IF16 |
| | 1756-HSC |
| | 1756-M02AE |
| | 1756-IF8H |
| Controller | ALLEN-BRADLEY PLC 5 |
| - suitable I/O card | 1771 IBN |
| | 1771 OBN |
| Controller | GE-FANUC RX3i |
| - suitable I/O card | IC694MDL754 |
| | IC694MDL660 |
| Controller | HONEYWELL Experion PKS C200 |
| - suitable I/O card | TC-IDD 321 |

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Technical data

Supported controller

| | |
|---------------------|--|
| | TC-ODD 321 |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QX71 |
| | QX72 |
| | QY41P |
| | QY42P |
| | QY71 |
| | QH42P |
| | QX82 |
| | QX82-S1 |
| | QY82P |
| Controller | Schneider Electric Modicon TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| | DDI 841 |
| | DAI 453 |
| | DDO 353 |

Standards and Regulations

| | |
|--|--------------|
| Connection in acc. with standard | CSA |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| Rated surge voltage | 0.6 kV |
| Pollution degree | 2 |
| Overvoltage category | II |
| Flammability rating according to UL 94 | V0 |

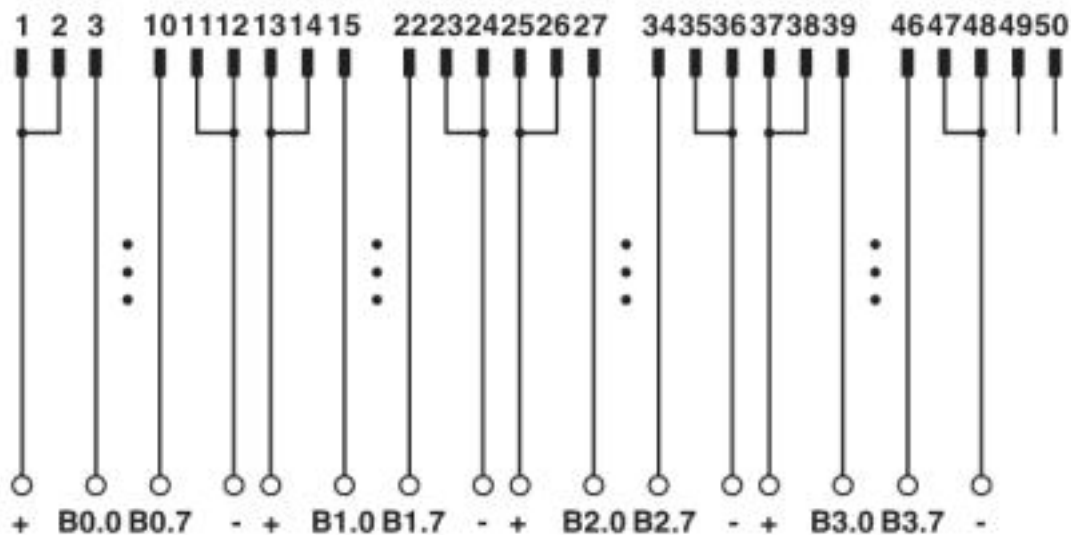
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Drawings

Circuit diagram



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250300 |
| eCl@ss 4.1 | 27250300 |
| eCl@ss 5.0 | 27250300 |
| eCl@ss 5.1 | 27250300 |
| eCl@ss 6.0 | 27242600 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27141152 |
| eCl@ss 9.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002780 |
| ETIM 5.0 | EC002780 |
| ETIM 6.0 | EC002780 |
| ETIM 7.0 | EC002780 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121432 |
| UNSPSC 18.0 | 39121432 |
| UNSPSC 19.0 | 39121432 |

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 20.0 | 39121432 |
| UNSPSC 21.0 | 39121432 |

Approvals


Approvals


Approvals


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

Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|---------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 2122203 |
| Nominal voltage UN | | 125 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

| | | | |
|----------------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | | 125 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

| | | | |
|----------------------------|---|---|---------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | | 125 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Approvals

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.A*30.B.01742 |
|-----|--|--------------------------|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

System cable

Cable - FLK 50/EZ-DR/ 50/KONFEK - 2289065



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

Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078



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

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

Cable - FLK 50/EZ-DR/ 200/KONFEK - 2289094



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

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - FLK 50/EZ-DR/ 250/KONFEK - 2289104



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

Cable - FLK 50/EZ-DR/ 300/KONFEK - 2289117



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

Cable - FLK 50/EZ-DR/ 350/KONFEK - 2289120



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

Cable - FLK 50/EZ-DR/ 400/KONFEK - 2289133



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

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

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - FLK 50/EZ-DR/ 500/KONFEK - 2289586



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

Cable - FLK 50/EZ-DR/ 550/KONFEK - 2289599



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

Cable - FLK 50/EZ-DR/ 600/KONFEK - 2289609



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

Cable - FLK 50/EZ-DR/ 650/KONFEK - 2289612



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6.5 m

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

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - FLK 50/EZ-DR/ 750/KONFEK - 2289638



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

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

Cable - FLK 50/EZ-DR/ 850/KONFEK - 2289654



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

Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667



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

Cable - FLK 50/EZ-DR/ 950/KONFEK - 2289670



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9.5 m

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - FLK 50/EZ-DR/1000/KONFEK - 2289683



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

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



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

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

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

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

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

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

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

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

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

Cable - FLK 50/EZ-DR/ 800/KONFEK/S - 2299165



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: 8 m

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - FLK 50/EZ-DR/1000/KONFEK/S - 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 - FLK EZ-DR-S.../.../... - 2295046



Round cable, with preassembly, shielded, variable cable length

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

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

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

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

Cable - CABLE-FLK50/0,14/HF/ 5,0M - 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 - CABLE-FLK50/0,14/HF/ 6,0M - 2314215



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: 6 m

Cable - CABLE-FLK50/0,14/HF/ 7,0M - 2314228



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: 7 m

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

Cable - CABLE-FLK50/0,14/HF/ 8,0M - 2314231



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: 8 m

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

Terminal marking

Marker for terminal blocks - UC-TM 4 - 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: snap into tall marker groove, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

Marker for terminal blocks - UC-TM 6 - 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: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

Marker for terminal blocks - UCT-TM 6 - 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: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

Passive module - VIP-2/PT/FLK50/PLC - 2903803

Accessories

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



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

Zack marker strip - ZB 22:UNBEDRUCKT - 0811862



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