

## 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.



COMPLETE

### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 046356 796637 |
| GTIN                                 | 4046356796637   |
| Weight per Piece (excluding packing) | 113.000 g   |
| Custom tariff number                 | 85366990  |
| 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. permissible operating voltage | 25 V AC |
|                                    | 60 V DC |
| Max. perm. current (per branch)    | 1 A     |

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### Technical data

#### General

|                     |     |
|---------------------|-----|
| Number of positions | 16  |
| Status display      | No  |
| 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 <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| 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   | 16                |
| Pitch                 | 2.54 mm           |

#### 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           |

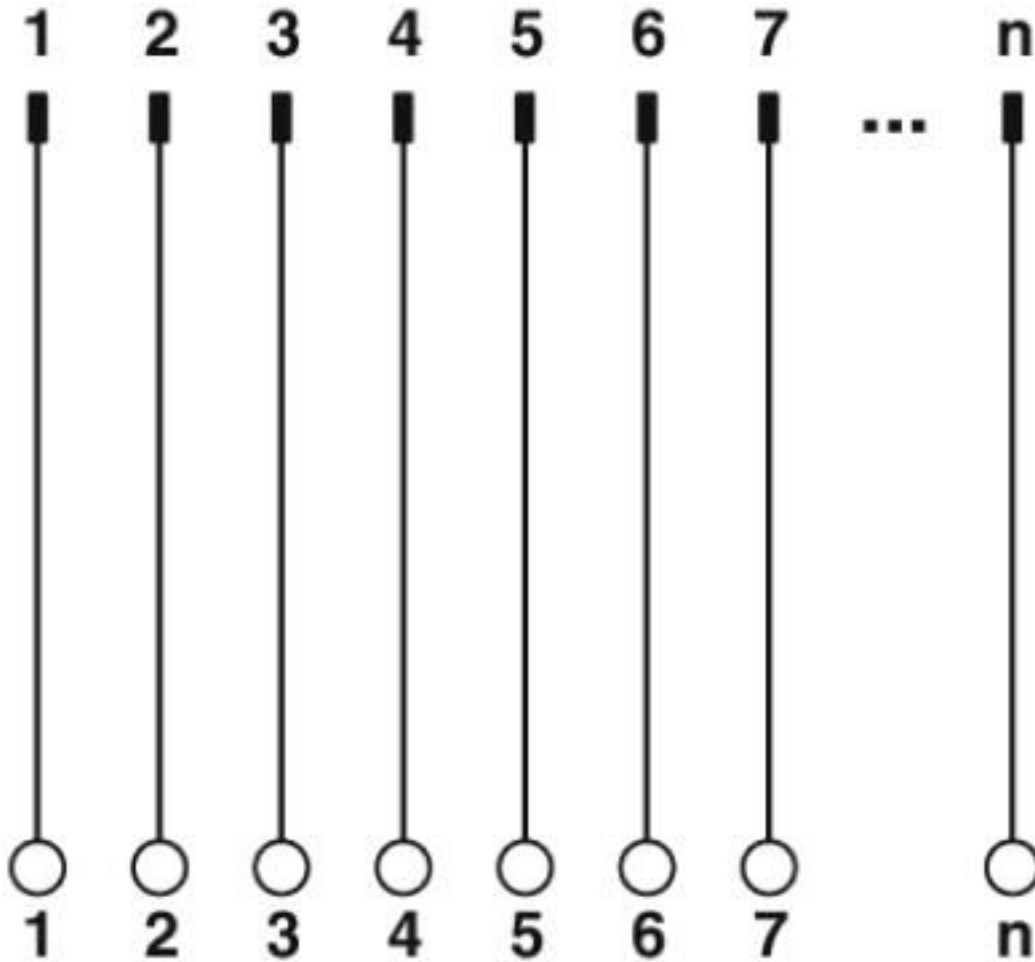
#### Environmental Product Compliance

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

### Drawings

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

Circuit diagram



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| 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 |

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## Classifications

### 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 |
| UNSPSC 20.0   | 39121432 |
| UNSPSC 21.0   | 39121432 |

## Approvals


### Approvals

#### Approvals

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

#### Ex Approvals

### Approval details

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

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## Approvals

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

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

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

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

## Accessories

### Accessories

#### System cable

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 0.5 m

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

### Accessories

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 1 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 1.5 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 2 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 3 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 4 m

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

### Accessories

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: 6 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); connection 2: IDC/FLK socket strip (1x 16-position, 90 °-out put); cable length: variable

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 0.5 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 1 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 1.5 m

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

### Accessories

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 2 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 3 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 4 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 6 m

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 8 m

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

### Accessories

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



Round cable set; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: 10 m

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



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

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 1.5 m

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

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

### Accessories

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 5 m

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



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 16-position) (The braided shield is routed to a separate cable end.); cable length: 6 m

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



Round cable, with preassembly, shielded, variable cable length

### Terminal marking

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

### Accessories

#### 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

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#### 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

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#### 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

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#### 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