

## Front adapters - FLKM 50/ 4-FLK14/PA-MODI-TSX/Q - 2294416

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VARIOFACE front adapter, for Schneider Electric Modicon TSX Quantum, 4 x 8 channels can be connected

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 017918 145187 |
| GTIN         | 4017918145187                                                                                           |

### Technical data

#### Ambient conditions

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

#### General

|                                    |                                                        |
|------------------------------------|--------------------------------------------------------|
| Max. permissible operating voltage | < 50 V AC                                              |
|                                    | 60 V DC                                                |
| Max. permissible current           | 1 A (per path)                                         |
|                                    | 4 A (per connection, supply via separate power supply) |
| Mounting position                  | any                                                    |
| Degree of protection               | IP00                                                   |

#### Connection data 1

|                                 |                  |
|---------------------------------|------------------|
| Connection name                 | Controller level |
| Channels which can be connected | 32               |

#### Connection data 2

|                       |                   |
|-----------------------|-------------------|
| Connection name       | Field level       |
| Connection method     | IDC/FLK pin strip |
| Number of connections | 4                 |

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## Technical data

### Connection data 2

|                     |         |
|---------------------|---------|
| Number of positions | 14      |
| Pitch               | 2.54 mm |

### Supported controller

|                     |                                        |
|---------------------|----------------------------------------|
| Controller          | Schneider Electric Modicon TSX QUANTUM |
| - suitable I/O card | DDI 353                                |
|                     | DDI 853                                |
|                     | DAI 353                                |
|                     | DAI 453                                |
|                     | DDO 353                                |

### Standards and Regulations

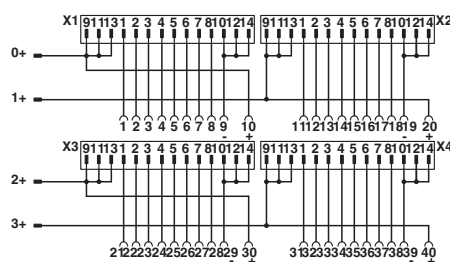
|                                  |                       |
|----------------------------------|-----------------------|
| Connection in acc. with standard | CUL                   |
| Standards/regulations            | IEC 60664             |
|                                  | DIN EN 50178          |
| Rated insulation voltage         | 63 V                  |
| Rated surge voltage              | 0.6 kV                |
| Insulation                       | Functional insulation |
| Degree of pollution              | 2                     |
| Overvoltage category             | II                    |

### Environmental Product Compliance

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

## Drawings

Circuit diagram



Connection scheme FLKM 50/ 4-FLK14/PA-MODI-TSX/Q

## Approvals

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### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 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 |                                                                                   | 2 A                                                                                                                                                   |               |

|                    |                                                                                     |                                                                                                                                                       |               |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 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 |                                                                                     | 2 A                                                                                                                                                   |               |

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

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

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