

## Passive module - UM-DELTA V/D/SI - 5603255

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Fuse module with shield connection terminals (for digital cards of the Delta V control system)



### Your advantages

- ✓ These system-specific interface modules for DeltaV modules are used in combination with the relevant system cables



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 017918 955007 |
| GTIN         | 4017918955007                                                                                           |

### Technical data

#### Dimensions

|        |        |
|--------|--------|
| Width  | 61 mm  |
| Height | 126 mm |
| Depth  | 71 mm  |

#### Ambient conditions

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

#### General

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| Nominal voltage $U_N$           | 24 V DC                                                                |
| Max. perm. current (per branch) | 50 mA (in as-supplied state, with one 50 mAF fuse, max. 1 A permitted) |
| Number of positions             | 16                                                                     |
| Mounting position               | any                                                                    |

#### Connection data

|                   |                  |
|-------------------|------------------|
| Connection name   | Field level      |
| Connection method | Screw connection |
| Stripping length  | 7 mm             |
| Screw thread      | M3               |

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## Technical data

### Connection data

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Conductor cross section solid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 12                                   |

### 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           |

### Supported controller

|                     |                       |
|---------------------|-----------------------|
| Controller          | Emerson DeltaV        |
| - suitable I/O card | VE4001S2T2B3          |
|                     | VE4001S2T2B3 Series 2 |
|                     | VE4001S2T1B3          |
|                     | VE4002S1T1B3          |
|                     | VE4002S1T2B3          |
|                     | VE4002S1T2B3 Series 2 |

### Standards and Regulations

|                                  |              |
|----------------------------------|--------------|
| Connection in acc. with standard | CUL          |
| Standards/regulations            | IEC 60664    |
|                                  | DIN EN 50178 |

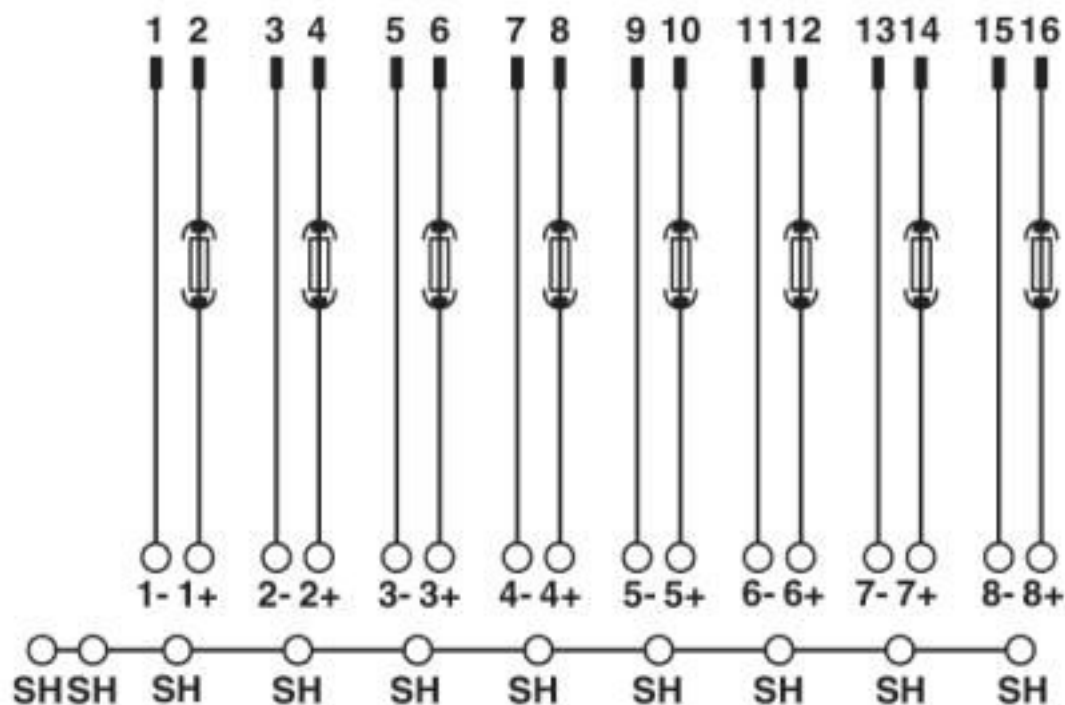
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

## Passive module - UM-DELTA V/D/SI - 5603255

Circuit diagram



Connection scheme UM-DELTA V/D/SI

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27242700 |
| eCl@ss 5.1    | 27242700 |
| eCl@ss 6.0    | 27242200 |
| 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 |
|-------------|----------|

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| 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

UL Recognized / cUL Recognized / 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 |  | 24 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 |  | 24 V                                                                                |                                                                                                                                                       |               |
| Nominal current IN |  | 2 A                                                                                 |                                                                                                                                                       |               |

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

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