

## Passive module - FLKM 16/AO/SI/DV - 2304445

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Fuse module (for analog output cards of the Delta V control system)

### Product Features

- These system-specific interface modules for DeltaV modules are used in combination with the relevant system cables
- 1:1 connection
- 5 x 20, 50 mA T, IEC 60127-2/3 fuse per channel



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 200.5 g  |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Width  | 90 mm |
| Height | 90 mm |
| Depth  | 68 mm |

#### Ambient conditions

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

#### General

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| Max. perm. operating voltage    | < 50 V AC                                                           |
|                                 | 60 V DC                                                             |
| Max. perm. current (per branch) | 50 mA (In delivered state, with one 50 mA fuse, max. 1 A permitted) |
| Number of positions             | 16                                                                  |

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### Technical data

#### General

|                          |                                |
|--------------------------|--------------------------------|
| Status display           | No                             |
| Mounting position        | any                            |
| Assembly instructions    | In rows with zero spacing      |
| Degree of protection     | IP00                           |
| Standards/regulations    | DIN EN 50178                   |
|                          | IEC 60664                      |
|                          | IEC 62103                      |
| Rated insulation voltage | 63 V                           |
| Rated surge voltage      | 0.6 kV (Functional insulation) |
| Degree of pollution      | 2                              |
| Overvoltage category     | II                             |

#### Connection data for connection 1

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection name                  | Field level                                 |
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm                                        |
| Screw thread                     | M3                                          |
| 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 for connection 2

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

#### Supported controller

|                     |                |
|---------------------|----------------|
| Controller          | Emerson DeltaV |
| - suitable I/O card | VE4005S2B3     |

#### Standards and Regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
|                       | IEC 60664    |
|                       | IEC 62103    |
| Degree of pollution   | 2            |
| Overvoltage category  | II           |

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### 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 | 27371601 |
| eCl@ss 7.0 | 27371601 |
| eCl@ss 8.0 | 27141152 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001437 |
| ETIM 3.0 | EC001437 |
| ETIM 4.0 | EC001437 |
| 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

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Approvals

EAC

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Ex Approvals

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Approvals submitted

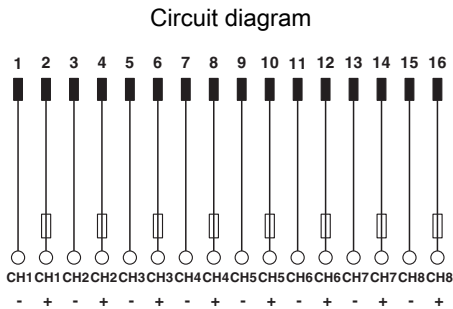
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#### Approval details

|     |
|-----|
| EAC |
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## Drawings



FLKM 16/AO/SI/DV connection scheme