

## Passive module - FLKM 50/32M/DV - 2304869

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32-channel module without LED and 2-wire connection; common minus potential (for cards of the Delta V controller)

### Your advantages

- These system-specific interface modules for DeltaV modules are used in combination with FLK 50/2FLK20/EZ-DR/.../DV system cables
- Can be used for 32-channel input and output cards



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4017918981716 |

### Technical data

#### Dimensions

|        |          |
|--------|----------|
| Width  | 168.5 mm |
| Height | 90 mm    |
| Depth  | 66 mm    |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Degree of protection                    | IP00             |

#### General

|  |             |
|--|-------------|
| Max. permissible operating voltage               | 25 V AC     |
|  | 60 V DC     |
| Max. perm. current (per branch)                  | 1 A         |
| Max. permissible current (separate power supply) | 5 A (KL/KL) |
| Number of positions                              | 50          |

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## Technical data

### General

|                       |                           |
|-----------------------|---------------------------|
| Status display        | No                        |
| Mounting position     | any                       |
| Assembly instructions | In rows with zero spacing |

### Connection data

|                                  |   |
|----------------------------------|---|
| 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 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          | Emerson DeltaV |
| - suitable I/O card | VE4001S2T2B5   |
|                     | VE4002S1T2B6   |

### Standards and Regulations

|                          |                       |
|--------------------------|-----------------------|
| Standards/regulations    | DIN EN 50178          |
|                          | IEC 60664             |
| Rated insulation voltage | 63 V                  |
| Rated surge voltage      | 0.6 kV                |
| Insulation               | Functional insulation |
| Pollution degree         | 2                     |
| Overvoltage category     | II                    |

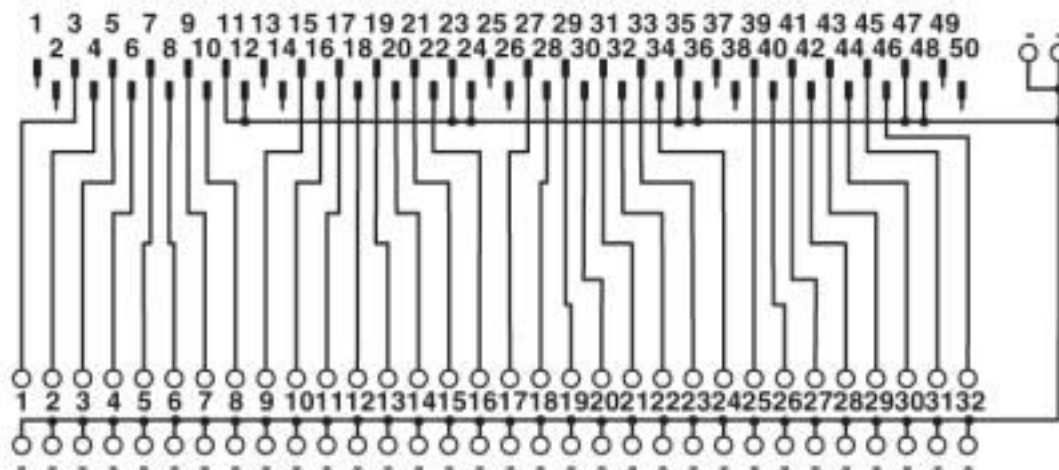
### Environmental Product Compliance

|            |   |
|------------|---|
| 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 - FLKM 50/32M/DV - 2304869

Circuit diagram



FLKM 50/32M/DV connection scheme

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141152 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27371600 |
| eCl@ss 5.1    | 27371600 |
| eCl@ss 6.0    | 27371600 |
| eCl@ss 7.0    | 27141152 |
| eCl@ss 8.0    | 27141152 |
| eCl@ss 9.0    | 27141152 |

### ETIM

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

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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### Approvals

EAC

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### Ex Approvals

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## Approval details

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

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