

Passive module - FLKM 16/DI/SI/LA/DV - 2304458

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Fuse module with LEDs (for digital input 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
- ✓ LED status indicator per signal path
- ✓ 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) | 219.1 GRM |
| 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

| | |
|---|---|
| Nominal voltage U_N | < 50 V AC |
| | 60 V DC |
| Max. current carrying capacity per branch | 50 mA (In delivered state, with one 50 mA fuse, max. 1 A permitted) |

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Technical data

General

| | |
|---|-------------------------------------|
| Number of positions | 16 |
| Status display | Yes |
| Test voltage | 500 V (50 Hz, 1 min.) |
| Test voltage contact/contact | 500 V AC |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Pollution degree | 2 |
| Surge voltage category | III |
| Input operating voltage | 24 V DC \pm 10 % |
| Max. current carrying capacity per branch | 50 mA (With 50 mA fuse on delivery) |
| Rated surge voltage | 0.8 kV |

Connection data for connection 1

| | |
|--|---------------------|
| Connection name | Field level |
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Stripping length | 8 mm |
| Screw thread | M3 |

Connection data for connection 2

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

Supported controller

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

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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 | 27242208 |
| eCl@ss 7.0 | 27242208 |
| eCl@ss 8.0 | 27242208 |

ETIM

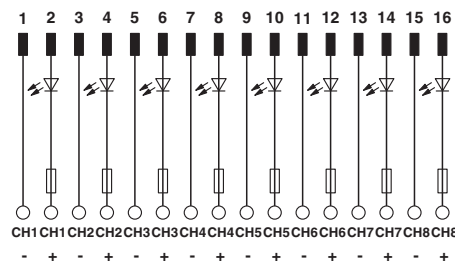
| | |
|----------|----------|
| ETIM 2.0 | EC001423 |
| ETIM 3.0 | EC001423 |
| ETIM 4.0 | EC001423 |
| ETIM 5.0 | EC001437 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11 | 39121421 |
| UNSPSC 12.01 | 39121421 |
| UNSPSC 13.2 | 39121421 |

Drawings

Circuit diagram



FLKM 16/DI/SI/LA/DV connection scheme