# Passive module - FLKM 50/32M/PLC - 2289719

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VARIOFACE interface module, for 32 channels, each with an additional terminal block per signal for a common minus potential

## Why buy this product

- Byte-by-byte labeling
- Negative connection per signal
- Can be used for digital I/O modules

## Key commercial data

| | |
|---|---|
| Packing unit | 1 pc |
| GTIN | 4 017918 057763 |
| Weight per Piece (excluding packing) | 315.08 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Width | 192 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 $U_N$ | 60 V DC |
| Max. current carrying capacity per branch | 1 A |
| Max. total current of voltage supply | 8 A (per byte) |

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## Technical data

### General

| | |
|---|---|
| Number of positions | 50 |
| Status display | No |
| Test voltage | 800 V AC (50 Hz, 1 min.) |
| Mounting position | any |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Pollution degree | 2 |
| Surge voltage category | II |
| Rated surge voltage | 0.8 kV |

### Connection data for connection 1

| | |
|---|---|
| Connection name | Field level |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 2.5 mm² |
| 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 | 50 |

### Supported controller

| | |
|---|---|
| Control | SIEMENS S7-400 |
| - suitable I/O card | 6ES7 421-1BL01-0AA0 |
| | 6ES7 422-1BL00-0AA0 |
| | 6ES7 422-7BL00-0AB0 |
| Control | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IB32 |
| | 1756-OB32 |
| Control | ALLEN-BRADLEY PLC 5 |
| - suitable I/O card | 1771 IBN |
| | 1771 OBN |
| Control | HONEYWELL PlantScape |
| - suitable I/O card | TC-IDD 321 |

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## Technical data

### Supported controller

| | |
|---|---|
| | TC-ODD 321 |
| Control | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |
| Control | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX81 |
| | QY81P |
| | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QX71 |
| | QX72 |
| | QY41P |
| | QY42P |
| | QY71 |
| | QH42P |
| | QX82 |
| | QX82-S1 |
| Control | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| | DDI 853 |
| | DAI 353 |
| | DAI 453 |
| | DDO 353 |
| Control | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C-2DP |
| | CPU 314C-2DP |
| | CPU 314C-2PtP |
| | 6ES7 321-1BL00-0AA0 |
| | 6ES7 322-1BL00-0AA0 |
| | 6ES7 323-1BL00-0AA0 |
| | CPU 313C |
| | CPU 313C-2PtP |
| Control | GE-FANUC RX3i |
| - suitable I/O card | IC694MDL754 |

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## Technical data

### Supported controller

| | |
|---|---|
| | IC694MDL660 |

## 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 | 27371601 |

### ETIM

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

### UNSPSC

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

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

# Passive module - FLKM 50/32M/PLC - 2289719

## Approvals

UL Recognized

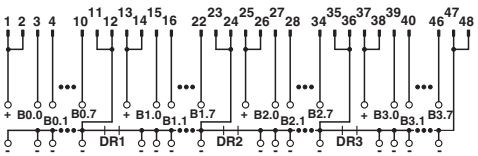
cUL Recognized

GOST

cULus Recognized

## Drawings

Circuit diagram




Connection scheme: FLKM 50/32M/PLC

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