

Passive module - UM 45-FLK50/32IM/PLC - 2962890

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VARIOFACE COMPACT LINE, sensor module for the connection of 32 p-n-p sensors, for assembly on DIN rail NS 35/7.5, screw connection



Key commercial data

| | |
|------------------|---------------|
| package_quantity | 1 |
| GTIN | 4017918087494 |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 197 mm |
| Height | 45 mm |
| Depth | 51 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 |
| Nominal voltage U_N | 60 V DC |
| Max. current carrying capacity per branch | 1 A |
| Max. total current of voltage supply | 2 A (per byte) |
| Number of positions | 50 |
| Test voltage | 500 V (50 Hz, 1 min.) |
| Mounting position | any |
| Standards/regulations | IEC 60664 |
| Standards/regulations | DIN VDE 110 |
| Pollution degree | 2 |
| Surge voltage category | II |

Connection data for connection 1

| | |
|-------------------|------------------|
| Connection name | Field level |
| Connection method | Screw connection |

Passive module - UM 45-FLK50/32IM/PLC - 2962890

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Connection data for connection 1

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| Stripping length | 6 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

| | |
|---------------------|--|
| Controller | SIEMENS S7-400 |
| - suitable I/O card | 6ES7 421-1BL01-0AA0 |
| - suitable I/O card | 6ES7 422-1BL00-0AA0 |
| - suitable I/O card | 6ES7 422-7BL00-0AB0 |
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IB32 |
| - suitable I/O card | 1756-OB32 |
| Controller | ALLEN-BRADLEY PLC 5 |
| - suitable I/O card | 1771 IBN |
| - suitable I/O card | 1771 OBN |
| Controller | HONEYWELL PlantScape |
| - suitable I/O card | TC-IDD 321 |
| - suitable I/O card | TC-ODD 321 |
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX81 |
| - suitable I/O card | QY81P |
| Controller | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| - suitable I/O card | DDI 853 |
| - suitable I/O card | DAI 353 |
| - suitable I/O card | DAI 453 |
| - suitable I/O card | DDO 353 |
| Controller | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C-2DP |
| - suitable I/O card | CPU 314C-2DP |
| - suitable I/O card | CPU 314C-2PtP |

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Technical data

Supported controller

| | |
|---------------------|---------------------|
| - suitable I/O card | 6ES7 321-1BL00-0AA0 |
| - suitable I/O card | 6ES7 322-1BL00-0AA0 |
| - suitable I/O card | 6ES7 323-1BL00-0AA0 |
| - suitable I/O card | CPU 313C |
| - suitable I/O card | CPU 313C-2PtP |

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

GOST /

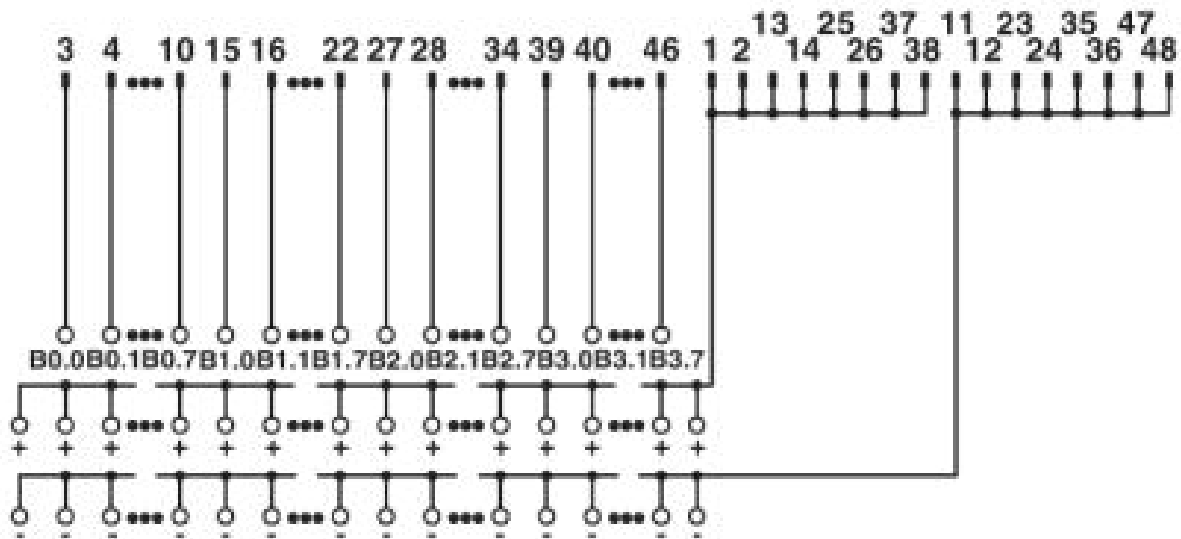
Approval details



Drawings

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Circuit diagram



UM 45-FLK50/32IM/PLC connection scheme

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