

UM 45-FLK14/LA/ZFKDS/PLC - Passive module



2965334

<https://www.phoenixcontact.com/us/products/2965334>

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VARIOFACE COMPACT LINE, interface module for 8 channels, with LED, for assembly on DIN rail NS 35/7.5, spring-cage connection

Your advantages

- Byte-by-byte labeling
- Can be used for digital I/O modules

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2965334 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C421 |
| Product key | DK21A1 |
| GTIN | 4017918126339 |
| Weight per piece (including packing) | 84.1 g |
| Weight per piece (excluding packing) | 45.55 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|------------------|
| Product type | Interface module |
| Number of positions | 14 |
| No. of channels | 8 |

Insulation characteristics

| | |
|----------------------|-----------------------|
| Insulation | Functional insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

| | |
|---|---------|
| Nominal voltage U_N | 30 V DC |
| Max. current carrying capacity per branch | 1 A |
| Max. total current of voltage supply | 3 A |
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV |

Supported controller: ABB S800 I/O

| | |
|-------------------|-------|
| Suitable I/O card | DI810 |
| | DI818 |
| | DI830 |
| | DI840 |
| | DO810 |
| | DO840 |

Supported controller: ALLEN-BRADLEY ControlLogix

| | |
|-------------------|------------|
| Suitable I/O card | 1756-IB32 |
| | 1756-OB32 |
| | 1756-IB16 |
| | 1756-OB16E |

Supported controller: ALLEN-BRADLEY PLC 5

| | |
|-------------------|----------|
| Suitable I/O card | 1771 IBN |
| | 1771 OBN |

Supported controller: ALLEN-BRADLEY SLC 500

| | |
|-------------------|------------|
| Suitable I/O card | 1746 OB16 |
| | 1746 IB16 |
| | 1746 ITB16 |
| | 1746 IN16 |
| | 1746 OB 32 |
| | 1746 IB 32 |

Supported controller: GE-FANUC 90-30

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| | |
|-------------------|--------------|
| Suitable I/O card | IC693 MDL241 |
| | IC693 MDL634 |
| | IC693 MDL645 |
| | IC693 MDL646 |
| | IC693 MDL732 |
| | IC693 MDL740 |
| | IC693 MDL742 |

Supported controller: GE-FANUC RX3i

| | |
|-------------------|-------------|
| Suitable I/O card | IC694MDL754 |
| | IC694MDL660 |

Supported controller: HONEYWELL Experion PKS C200

| | |
|-------------------|------------|
| Suitable I/O card | TC-IDD 321 |
| | TC-ODD 321 |

Supported controller: MITSUBISHI MELSEC L

| | |
|-------------------|----------|
| Suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |

Supported controller: MITSUBISHI MELSEC Q

| | |
|-------------------|---------|
| Suitable I/O card | QX81 |
| | QY81P |
| | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QY41P |
| | QY42P |
| | QH42P |
| | QX82 |
| | QX82-S1 |
| | QY82P |
| | |

Supported controller: SCHNEIDER ELECTRIC Modicon TSX QUANTUM

| | |
|-------------------|---------|
| Suitable I/O card | DDI 353 |
| | DDI 853 |
| | DDO 353 |

Supported controller: SIEMENS S7-300 / ET 200 M

| | |
|-------------------|---------------|
| Suitable I/O card | CPU 313C-2DP |
| | CPU 314C-2DP |
| | CPU 314C-2PtP |

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| | |
|--|--------------------|
| | 6ES7321-1BH02-0AA0 |
| | 6ES7321-1BL00-0AA0 |
| | 6ES7322-1BH01-0AA0 |
| | 6ES7322-1BL00-0AA0 |
| | 6ES7323-1BH01-0AA0 |
| | 6ES7323-1BL00-0AA0 |
| | 6ES7321-1BH10-0AA0 |
| | 6ES7322-1BH10-0AA0 |
| | CPU 313C |
| | CPU 313C-2PtP |

Supported controller: SIEMENS S7-400

| | |
|-------------------|--------------------|
| Suitable I/O card | 6ES7421-1BL01-0AA0 |
| | 6ES7422-1BL00-0AA0 |
| | 6ES7422-7BL00-0AB0 |

Connection data

Field level

| | |
|----------------------------------|---|
| Connection method | Spring-cage connection |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 24 ... 14 |

Controller level

| | |
|-----------------------|-------------------|
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 14 |
| Pitch | 2.54 mm |

Signaling

| | |
|------------------------|-----|
| Status display | LED |
| Status display present | yes |

Dimensions

Item dimensions

| | |
|--------|-------|
| Width | 59 mm |
| Height | 45 mm |
| Depth | 50 mm |

Material specifications

| | |
|-----------------------------|------------------|
| Color | green (RAL 6021) |
| Housing insulation material | PVC |

Environmental and real-life conditions

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Ambient conditions

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

Standards and regulations

| | |
|-----------------------|--------------|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| Mounting position | any |

Notes

| | |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

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Classifications

UNSPSC

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

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Environmental product compliance

EU RoHS

| | |
|---|--------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(c)-I |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|---|
| REACH candidate substance (CAS No.) | Hexahydromethylphthalic anhydride(CAS: n/a) |
|-------------------------------------|---|

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