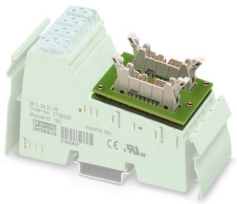
# FLKM 14-PA-INLINE/IN16 - Front adapter

2302751

https://www.phoenixcontact.com/us/products/2302751

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VARIOFACE front adapter for Inline modules, for transferring 16 (2 x 8) digital input signals.

## Commercial data

| | |
|---|---|
| Item number | 2302751 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C421 |
| Product key | DK231P |
| GTIN | 4017918929473 |
| Weight per piece (including packing) | 53.7 g |
| Weight per piece (excluding packing) | 32.67 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Front adapter |
| Product family | VARIOFACE |

Insulation characteristics: Air clearances and creepage distances

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

## Electrical properties

| | |
|---|---|
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 1 A |

Air clearances and creepage distances

| | |
|---|---|
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (1.2/50 µs) |

Supported controller: PHOENIX CONTACT Inline

| | |
|---|---|
| Suitable I/O card | IB IL 24 DI 16-PAC |
| | IB IL 24 DI 16-NPN-PAC |
| | ILB ... 24 DI16 |
| | ILB ... 24 DI32 |
| | ILB ... 24 DI16 DO16 |
| | ILB ... 24 DI8 DIO8 |

## Connection data

Connection 1 (control level)

| | |
|---|---|
| Connection method | Plug-in connection |
| Number of connections | 1 |
| Number of positions | 24 |

Connection 2 (field level)

| | |
|---|---|
| Connection in acc. with standard | IEC 60603-13 |
| Connection method | IDC/FLK pin strip |
| Number of connections | 2 |
| Number of positions | 14 |
| Insertion/withdrawal cycles | > 50 |
| Pitch | 2.54 mm |

## Dimensions

Item dimensions

| | |
|---|---|
| Width | 44 mm |

| | |
|---|---|
| Height | 66.5 mm |
| Depth | 33.85 mm |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection (Module) | IP20 |
| Degree of protection (Installation location) | ≥ IP54 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 50 °C |
| Altitude | ≤ 2000 m |

## Standards and regulations

Air clearances and creepage distances

| | |
|---|---|
| Standards/regulations | EN IEC 60664-1 |

## Mounting

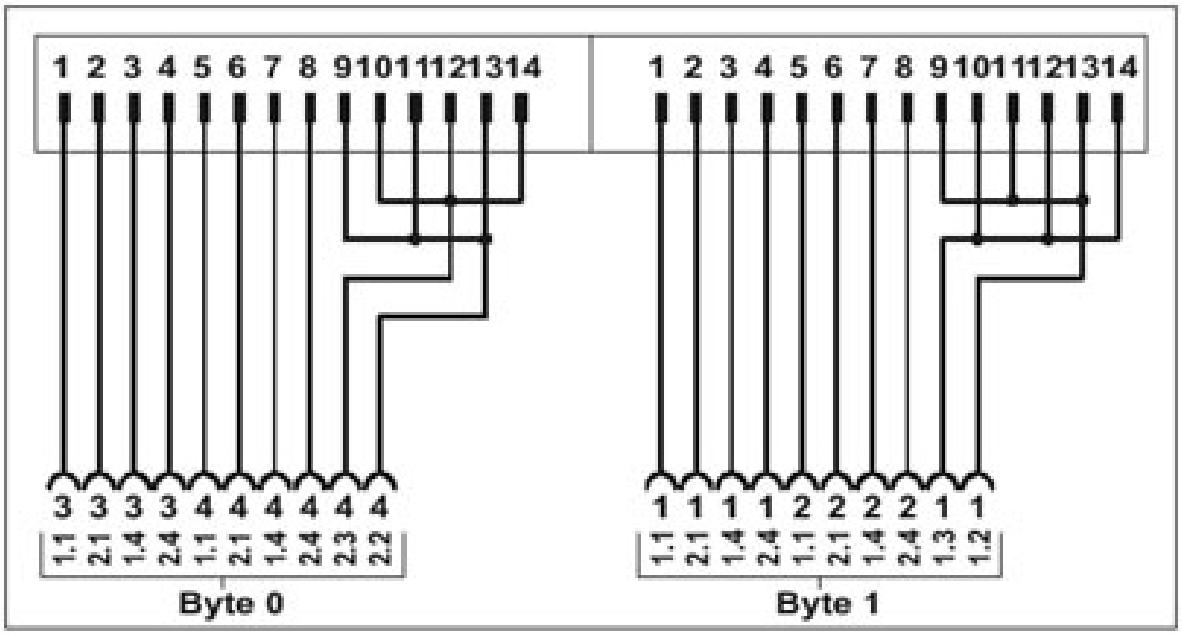
| | |
|---|---|
| Mounting type | Plug-in mounting |
| Mounting position | any |

## Notes

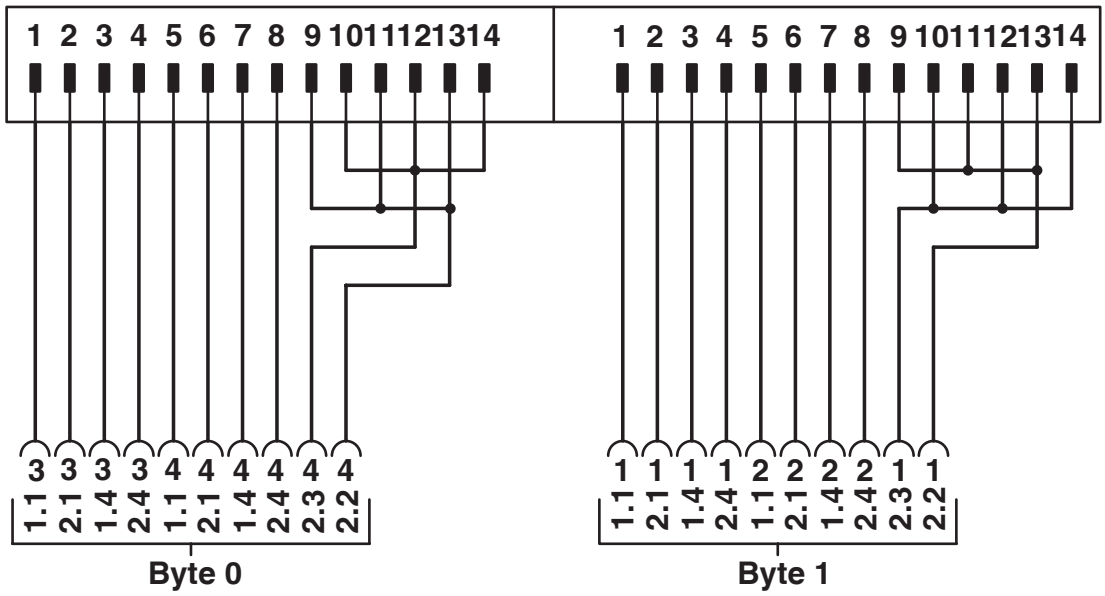
| | |
|---|---|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also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

## Drawings

Connection diagram



Circuit diagram




Connection scheme: FLKM 14-PA-INLINE/IN16

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27242292 |
| ECLASS-15.0 | 27242292 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002584 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 32151600 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

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.) | Lead(CAS: 7439-92-1) |
| SCIP | 6cd353f8-b517-4e48-8155-1d8beb8857d2 |

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