

# FLKM 50-PA-GE/TKFC/RXI - Front adapter



2321473

<https://www.phoenixcontact.com/us/products/2321473>

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VARIOFACE front adapter, for GE Fanuc PACSystems RX3i, max. 1x 32 channels can be connected.

## Your advantages

- Can be plugged onto I/O modules
- Connection via suitable VARIOFACE termination boards
- Transmission of a maximum of 32 channels via a 50-pos. system cable

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2321473                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK231G                         |
| GTIN                                 | 4046356339872                  |
| Weight per piece (including packing) | 136.1 g                        |
| Weight per piece (excluding packing) | 129 g                          |
| Customs tariff number                | 85369010                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|              |               |
|--------------|---------------|
| Product type | Front adapter |
|--------------|---------------|

### Insulation characteristics

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

### Electrical properties

|                          |   |
|--------------------------|---|
| Operating voltage (AC)   | ≤ 25 V AC                                 |
| Operating voltage (DC)   | ≤ 60 V DC                                 |
| Current (Per path)       | ≤ 1 A                                     |
| Current (per connection) | ≤ 8 A (Feed-in via separate power supply) |
| Rated insulation voltage | 63 V                                      |
| Rated surge voltage      | 0.6 kV                                    |

Supported controller: GE-FANUC RX3i

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

### Connection data

#### Field level

|                       |                   |
|-----------------------|-------------------|
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 50                |
| Pitch                 | 2.54 mm           |

#### Supply

|                                  |   |
|----------------------------------|---|
| Connection method                | Pluggable spring-cage connection            |
| Conductor cross-section rigid    | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section AWG      | 24 ... 12                                   |

### Dimensions

#### Item dimensions

|        |          |
|--------|----------|
| Width  | 34.8 mm  |
| Height | 108.5 mm |
| Depth  | 59.62 mm |

### Environmental and real-life conditions

#### Ambient conditions

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

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|   |                  |
|---|------------------|
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
|---|------------------|

## Standards and regulations

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

## 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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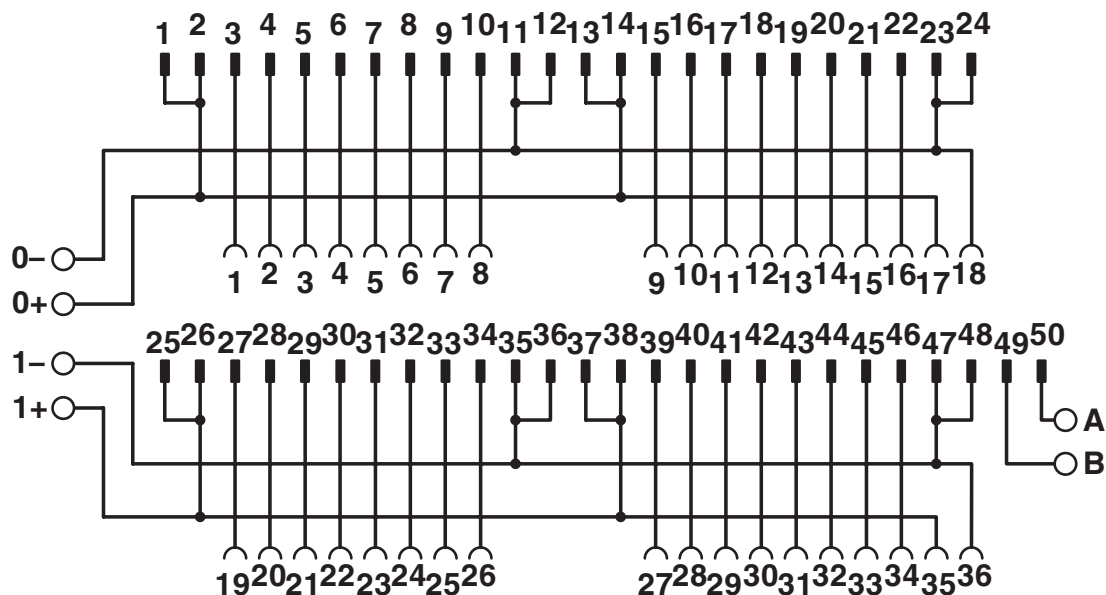


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## Drawings

Circuit diagram



Connection scheme for FLKM 50-PA-GE/TKFC/RXI

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## Classifications

### ECLASS

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

### UNSPSC

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

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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