

# FLKM 4-I/O-G4 - Optocoupler module



5521322  
<https://www.phoenixcontact.com/us/products/5521322>

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VARIOFACE 4-channel module for solid state relays



## Your advantages

- Modules accept Opto 22 G4 or Grayhill G5 solid state relays
- Solid-state relay includes fuse and status indicator
- Can be fitted with solid-state relays or I/O modules

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 5521322                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C460                           |
| Product key                          | DK61Y2                         |
| GTIN                                 | 4046356683814                  |
| Weight per piece (including packing) | 110.2 g                        |
| Weight per piece (excluding packing) | 110.2 g                        |
| Customs tariff number                | 85364190                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

|                       |                                        |
|-----------------------|----------------------------------------|
| Product type          | Multi-channel solid-state relay module |
| No. of channels       | 4                                      |
| Compatible components | Digital I/O modules                    |
| With components       | no                                     |

### Input data

|                                |                               |
|--------------------------------|-------------------------------|
| Input voltage range            | 4 V DC ... 32 V DC            |
| Typical input current at $U_N$ | 30 mA (Optocoupler dependent) |

### Output data

|                       |                     |
|-----------------------|---------------------|
| Compatible components | Digital I/O modules |
|-----------------------|---------------------|

### Switching

|                                              |     |
|----------------------------------------------|-----|
| Limiting continuous current                  | 4 A |
| Error detection (line break / short-circuit) | no  |

### Connection data

#### Input

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| Connection method                | Screw connection                             |
| Stripping length                 | 7 mm                                         |
| Screw thread                     | M3                                           |
| Number of connections            | 1                                            |
| Conductor cross section rigid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 14                                    |

### Dimensions

|        |         |
|--------|---------|
| Width  | 67.5 mm |
| Height | 77 mm   |
| Depth  | 42 mm   |

### Material specifications

|                             |                                    |
|-----------------------------|------------------------------------|
| Color                       | green (RAL 6021)                   |
| Housing insulation material | PVC, side panel PA non-reinforced, |

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 55 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

### Mounting

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|                   |                           |
|-------------------|---------------------------|
| Assembly note     | in rows with zero spacing |
| Mounting position | any                       |

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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/5521322>



**cUL Recognized**  
Approval ID: E238705



**UL Recognized**  
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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371603 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001456 |
|----------|----------|

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## 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)                                                                                                                                                                                                              |

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