

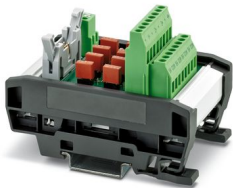
UM-FLK10/AI/FU/ROC800 - Passive module



2905935

<https://www.phoenixcontact.com/il/products/2905935>

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VARIOFACE module intended for use with the ROC800 controller analog input cards. UL recognized to Class I, Div. 2.

Your advantages

- Two-level screw terminals for field wiring
- Per channel pluggable fusing, TE5 style, 200 mA
- FLK10 connection on the control side
- Integrated switching of 250 Ω resistor for current to voltage applications
- UM-PRO housing with grounding
- Per channel blown fuse indication
- Tested for continuity

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2905935 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | CK21A2 |
| GTIN | 4055626047447 |
| Weight per piece (including packing) | 179.2 g |
| Weight per piece (excluding packing) | 179.2 g |
| Customs tariff number | 85369010 |
| Country of origin | US |

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Technical data

Product properties

| | |
|---------------------|------------------|
| Product type | Interface module |
| Product family | VARIOFACE |
| Number of positions | 16 |
| No. of channels | 8 |

Electrical properties

| | |
|-------------------------------------|-----------|
| Nominal voltage U_N | 24 V DC |
| Supported controller EMERSON ROC800 | |
| Suitable I/O card | ROC800 AI |

Connection data

Field level

| | |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Stripping length | 7 mm |
| Screw thread | M3 |
| Number of positions | 16 |
| Conductor cross section rigid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross section AWG | 24 ... 12 |

Controller level

| | |
|-----------------------|-------------------|
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 10 |
| Pitch | 2.54 mm |

Signaling

| | |
|------------------------|------------------------|
| Status display present | Yes, if the fuse fails |
|------------------------|------------------------|

Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 69 mm |
| Height | 92.3 mm |
| Depth | 65.5 mm |

Material specifications

| | |
|-----------------------------|-----------------------------|
| Housing insulation material | Polyamide PA non-reinforced |
|-----------------------------|-----------------------------|

Environmental and real-life conditions

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Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 60 °C |

Mounting

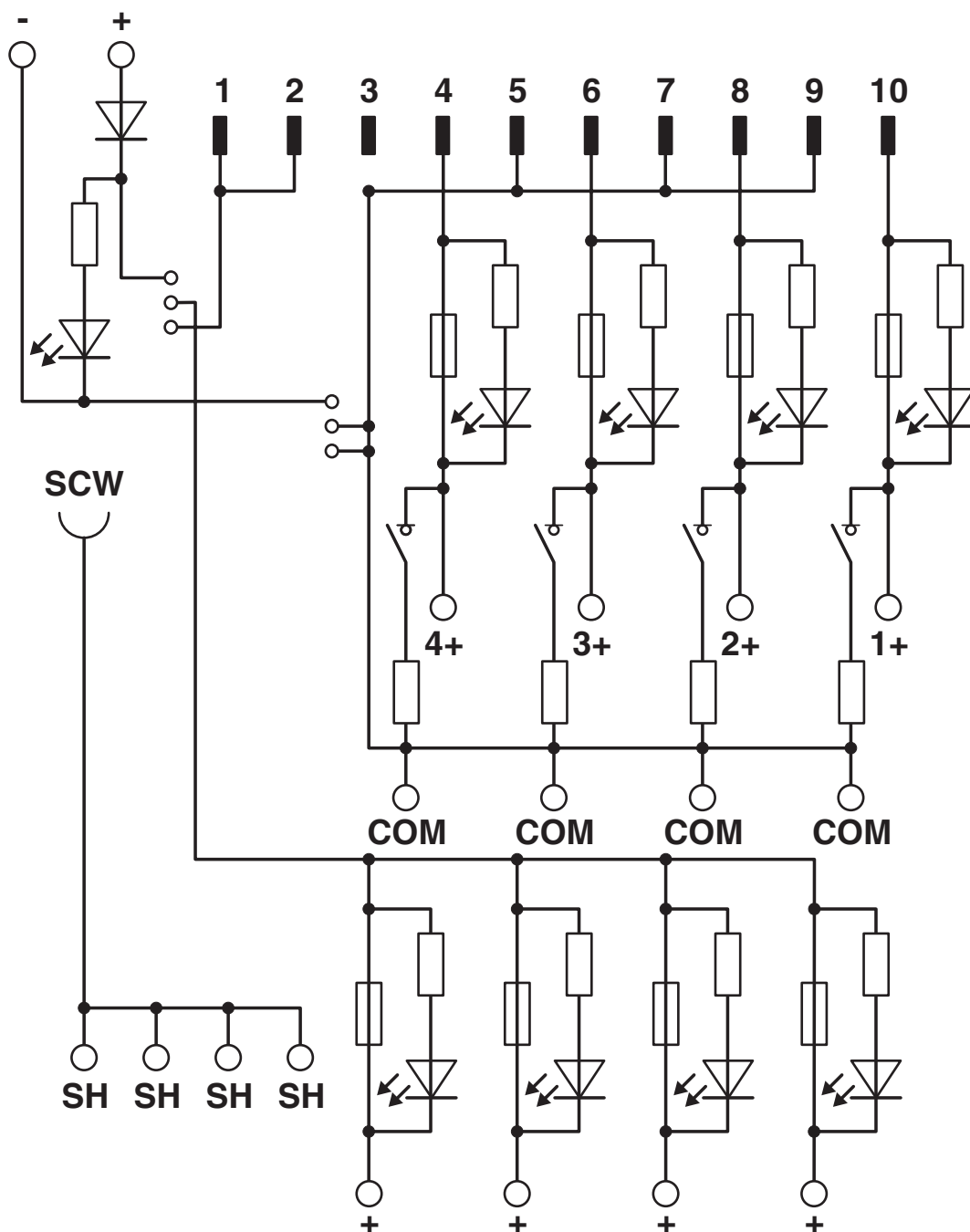
| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| Mounting position | any |

Notes

| | |
|---------|--|
| General | 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

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/il/products/2905935>

| | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|  cUL Recognized Approval ID: FILE E 238705 | | | | |
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| | 24 V | 0.2 A | 30 - 12 | - |
| per branch | 24 V | 0.2 A | 30 - 12 | - |

| | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  UL Recognized Approval ID: FILE E 238705 | | | | |
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| | 24 V | 0.2 A | 30 - 12 | - |
| per branch | 24 V | 0.2 A | 30 - 12 | - |

| | | | | |
|---|--|--|--|--|
|  cUL Recognized Approval ID: FILE E 196811 | | | | |
|---|--|--|--|--|

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|  UL Recognized Approval ID: FILE E 196811 | | | | |
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| cULus Recognized | | | | |
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| cULus Recognized | | | | |
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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
| ECLASS-13.0 | 27141152 |
| ECLASS-12.0 | 27141152 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002780 |
|----------|----------|

UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

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|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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