

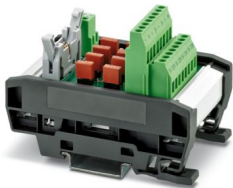
# UM-FLK10/AI/FU/ROC800 - Passive module



2905935

<https://www.phoenixcontact.com/us/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  $\Omega$  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
Sales key	C421
Product key	DK2B8K
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 <sup>2</sup> ... 4 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

#### 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
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### Dimensions

#### Item dimensions

Width	69 mm
Height	92.3 mm
Depth	65.5 mm

### Material specifications

Housing insulation material	Polyamide PA non-reinforced
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### 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

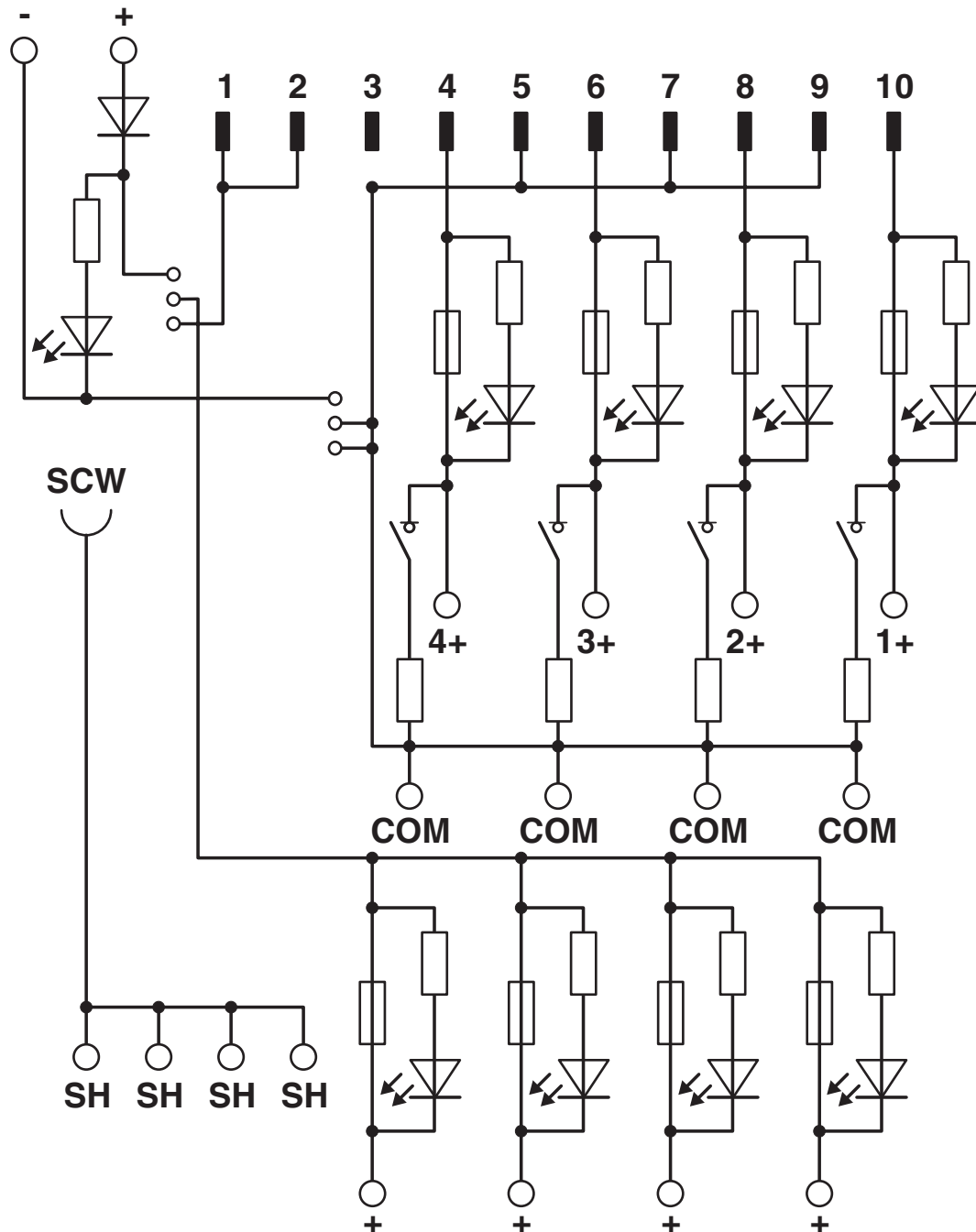
## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

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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Circuit diagram



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## Approvals

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

 <b>cUL Recognized</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	24 V	0.2 A	30 - 12	-
per branch	24 V	0.2 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: E238705				
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keine				
	24 V	0.2 A	30 - 12	-
per branch	24 V	0.2 A	30 - 12	-

 <b>cUL Recognized</b> Approval ID: FILE E 196811				
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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 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.)	Lead(CAS: 7439-92-1)
SCIP	b79f34e3-3de8-42b8-aeb0-686571f001e1

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