

## Passive module - VIP-2/SC/FLK10/ROC APM - 2905303

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VARIOfACE Professional (VIP) board for the ROC800 controller

### Product Features

- These system-specific interface modules for the ROC800 controller are used in combination with the relevant system cables
- Interface from field wiring to ROC800 controller
- Compact design reduces space requirements in the control cabinet
- Field side I/O marking clearly identified when device is mounted.
- Integrated ZB marker provides per-channel labeling
- Rugged metal mounting foot allows easy DIN rail installation and removal.



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	100.0 g
Country of origin	United States

### Technical data

#### Dimensions

Width	34.5 mm
Height	65 mm
Depth	44.2 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### General

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## Technical data

### General

Max. perm. operating voltage	60 V AC/DC
Max. perm. current (per branch)	1 A
Number of positions	10
Status display	No
Mounting position	any
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2
Overvoltage category	II

### Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
Conductor cross section solid	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
Number of positions	10

### Connection data for connection 2

Connection name	Controller level
Connection method	IDC/FLK pin strip (2.54 mm)
Number of connections	1
Number of positions	10
Pitch	2.54 mm

### Supported controller

Controller	Emerson ROC800
- suitable I/O card	ROC800 APM

### Standards and Regulations

Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Degree of pollution	2
Overvoltage category	II

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### Classifications

#### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27242608
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

#### ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC002780

#### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121421

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	60 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	60 V

cULus Recognized	
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## Accessories

### Accessories

#### System cable

Cable - VIP-CAB-FLK10/0,14/0,5M - 2318305



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 0.5 m

Cable - VIP-CAB-FLK10/0,14/1,0M - 2318318



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1 m

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### Accessories

#### Cable - VIP-CAB-FLK10/0,14/1,5M - 2318321



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1.5 m

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#### Cable - VIP-CAB-FLK10/0,14/2,0M - 2318334



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 2 m

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#### Cable - VIP-CAB-FLK10/0,14/3,0M - 2318347



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 3 m

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#### Cable - VIP-CAB-FLK10/0,14/4,0M - 2318350



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 4 m

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#### Cable - VIP-CAB-FLK10/0,14/6,0M - 2318363



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 6 m

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### Required add-on products

# Passive module - VIP-2/SC/FLK10/ROC APM - 2905303

## Accessories

Front adapters - FLKM 10-PA-ROC800 - 2904889

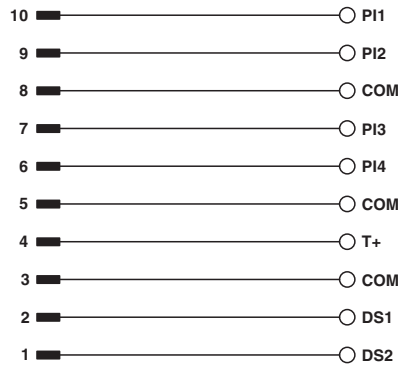


VARIOFACE front adapters for ROC800 controller

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## Drawings

Circuit diagram



Connection scheme VIP-2/.../FLK50 (1-40) /S7