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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	36.8 mm
Height	72.1 mm
Depth	46.6 mm

#### Ambient conditions

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

#### General



## 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	П

### Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm² 2.5 mm²
Conductor cross section flexible	0.14 mm² 2.5 mm²
Conductor cross section AWG	26 14
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 AI-12

## Standards and Regulations

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



## 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

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details



## Approvals

UL Recognized <b>3.</b>	
mm²/AWG/kcmil	26-14
Nominal current IN	1 A
Nominal voltage UN	60 V

cUL Recognized 51	
mm²/AWG/kcmil	26-14
Nominal current IN	1 A
Nominal voltage UN	60 V

cULus Recognized c Sus

#### 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  $90^{\circ}$  punched on connector and a  $180^{\circ}$  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



#### 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

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

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

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

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

Required add-on products



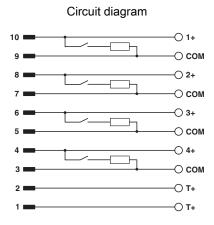
## Accessories

Front adapters - FLKM 10-PA-ROC800 - 2904889



VARIOFACE front adapters for ROC800 controller

## Drawings



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