

Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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

Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

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 ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
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 DO

Standards and Regulations

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

Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

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

Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

Approvals

UL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	1 A
Nominal voltage U _N	60 V

cUL Recognized	
mm ² /AWG/kcmil	30-12
Nominal current I _N	1 A
Nominal voltage U _N	60 V

cULus Recognized	
------------------	--

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



Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

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

Passive module - VIP-2/SC/FLK10/ROC DO - 2905300

Accessories

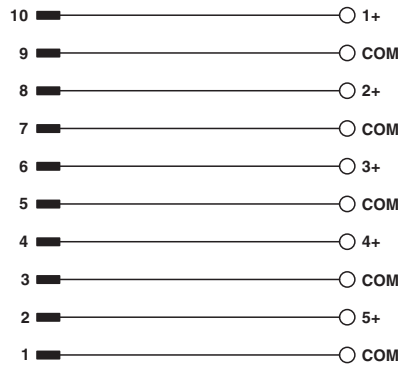
Front adapters - FLKM 10-PA-ROC800 - 2904889



VARIOFACE front adapters for ROC800 controller

Drawings

Circuit diagram



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