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Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

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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

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

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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

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

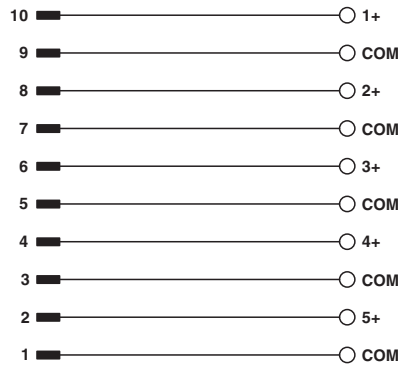
Front adapters - FLKM 10-PA-ROC800 - 2904889



VARIOFACE front adapters for ROC800 controller

Drawings

Circuit diagram



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