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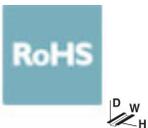# Passive module - VIP-2/SC/FLK10/ROC AI-16 - 2905297

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VARIOFACE Professional (VIP) board for the ROC800 controller

Your advantages

☑ 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.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 987981
GTIN	4046356987981
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85366990
Country of origin	United States

Technical data

Dimensions

Width	34.5 mm
Height	65 mm
Depth	44.2 mm

Ambient conditions

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Passive module - VIP-2/SC/FLK10/ROC AI-16 - 2905297

Technical data

Ambient conditions

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

General

Nominal voltage U_N	60 V AC/DC
Max. perm. current (per branch)	1 A
Number of positions	10
Status display	No
Mounting position	any

Connection data

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 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Connection data 2

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

Supported controller

Controller	Emerson ROC800
- suitable I/O card	ROC800 AI-16

Standards and Regulations

Standards/regulations	IEC 60664
	DIN EN 50178
Pollution degree	2
Overvoltage category	II
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years

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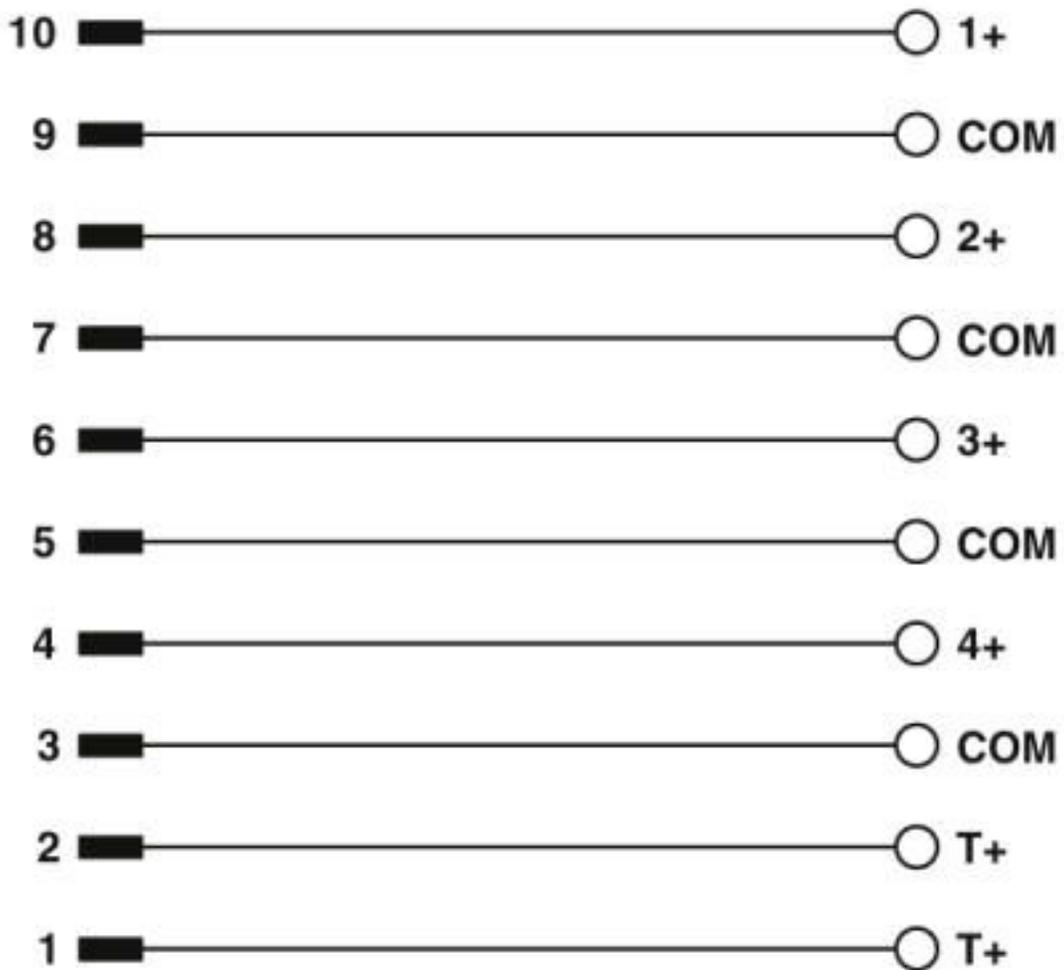
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Circuit diagram

10	1+
9	COM
8	2+
7	COM
6	3+
5	COM
4	4+
3	COM
2	T+
1	T+

Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27250300

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Classifications

eCl@ss

eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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Passive module - VIP-2/SC/FLK10/ROC AI-16 - 2905297

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	60 V
Nominal current IN	1 A
mm²/AWG/kcmil	30-12

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	60 V
Nominal current IN	1 A
mm²/AWG/kcmil	30-12

cULus Recognized	

Accessories

Accessories

System cable

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

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: 1 m

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

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: 1.5 m

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Passive module - VIP-2/SC/FLK10/ROC AI-16 - 2905297

Accessories

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

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: 2 m

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

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: 3 m

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

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: 4 m

Cable - VIP-CAB-FLK10-0,14/... - 2318376

Round cable set; connection 1: IDC/FLK socket strip (1x 10-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 10-position, 90 °-out put); cable length: variable

Necessary add-on products

Front adapters - FLKM 10-PA-ROC800 - 2904889

VARIOFACE front adapters for ROC800 controller