VIP-2/PT/FLK20 - Termination board

2903790

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VARIOFACE module, with push-in connections and flat-ribbon cable connector, for mounting on NS 35 rails, with pin strip and short and long locking latches for socket strips, 20-pos.

Commercial data

Item number	2903790
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C423
Product key	DK2121
GTIN	4046356796644
Weight per piece (including packing)	106 g
Weight per piece (excluding packing)	125 g
Customs tariff number	85366990
Country of origin	US

Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	20
No. of channels	2
	4
	8
	16

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 60 V DC
Current (per branch)	≤ 1 A
Rated surge voltage	0.6 kV

Connection data

Field level

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.14 mm² ... 2.5 mm²
Conductor cross-section flexible	0.14 mm² ... 2.5 mm²
Conductor cross-section AWG	26 ... 14

Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	20
Pitch	2.54 mm

Signaling

Status display	no
Status display present	no

Dimensions

Item dimensions

Width	57.1 mm
Height	72.1 mm
Depth	56 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA non-reinforced

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

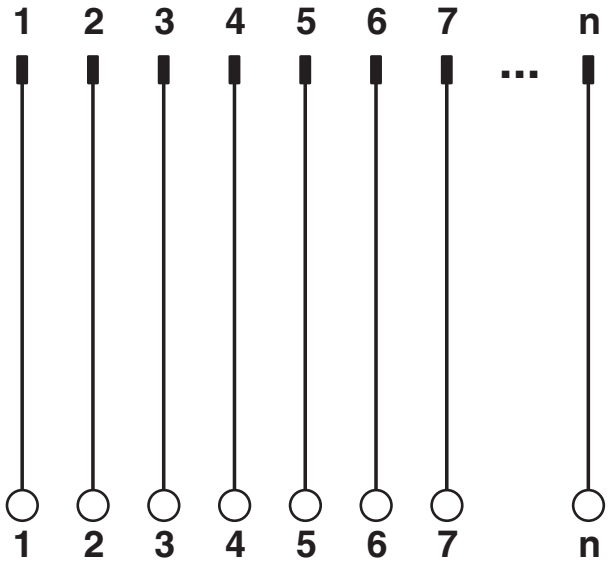
Mounting type	DIN rail mounting
Mounting position	any

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2903790

CSA
Approval ID: 2122203

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	125 V	1 A	26 - 14	-

cUL Recognized
Approval ID: E238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	125 V	1 A	26 - 14	-

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	125 V	1 A	26 - 14	-

Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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