VFC-PT/FLK14 - Termination board

1278799

https://www.phoenixcontact.com/us/products/1278799

PHŒNIX CONTACT

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 documentation. Our general terms of use for downloads are valid.

VARIOFACE Front Connect, 1:1 IDC/FLK termination board with Push-in front connections, number of positions: 14, overall width: 19 mm

Your advantages

- Fast, clear, and error-free wiring, thanks to Push-in terminal blocks with front connection technology
- Up to 60 % less space required in the control cabinet compared to conventional solutions due to the innovative design with an installation width of 19 mm
- Plug and Play connection to the remote IO and field level with the comprehensive system cabling range from Phoenix Contact
- Optimum support for your distributed I/O devices, thanks to high flexibility and the slim design
- Optically and haptically compatible with modern remote IO systems

Commercial data

Item number	1278799
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	DK2171
GTIN	4063151475567
Weight per piece (including packing)	70.3 g
Weight per piece (excluding packing)	91 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE Front Connect

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	30 V AC
	60 V DC
Max. permissible current	1 A (per branch)

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.8 kV (1.2/50 µs)

Connection data

Controller level

Connection in acc. with standard	IEC 60603-13
	DIN 41651
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	14

Field level

Connection method	Push-in connection
Stripping length	10 mm
Number of positions	16
Conductor cross-section rigid	0.2 mm² ... 1.5 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
	0.25 mm² ... 1.5 mm² (Ferrule without plastic sleeve)
	0.25 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
Conductor cross-section AWG	24 ... 16

Dimensions

Item dimensions

Width	18.9 mm
Height	127.2 mm
Depth	55 mm

1278799

https://www.phoenixcontact.com/us/products/1278799

Material specifications

Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (≤ 2000 m)
	-40 °C ... 63 °C (2001 m - 3000 m)
Altitude	≤ 3000 m

Approvals

UL, USA/Canada

Identification	UL 61010-2-201

CSA, USA/Canada

Identification	CSA C22.2 NO. 61010-2-201

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 60664-1

Mounting

Mounting type	DIN rail mounting
Mounting position	any

Notes

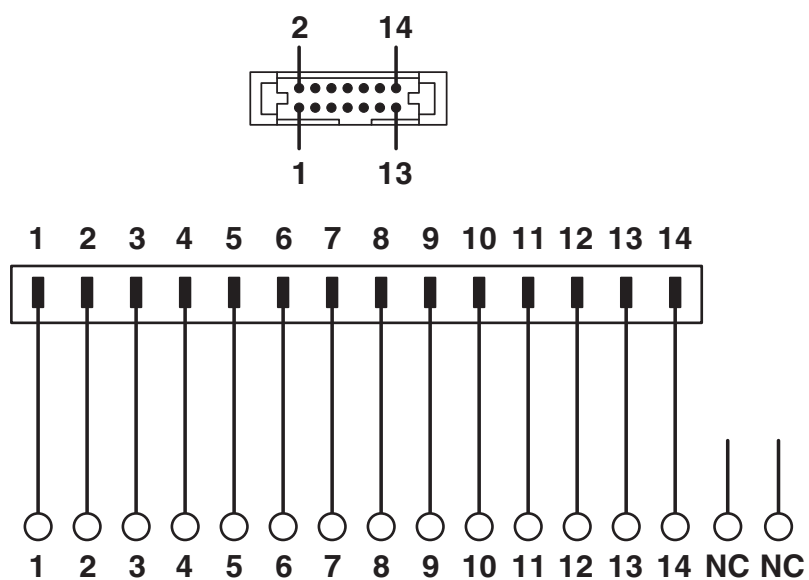|	
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

VFC-PT/FLK14 - Termination board

1278799

https://www.phoenixcontact.com/us/products/1278799

Drawings

Circuit diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1278799

UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 9.0	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%

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com