

VFC-PT/D15SUB/M - Interface module



1278800

<https://www.phoenixcontact.com/us/products/1278800>

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VARIOFACE Front Connect, 1:1 D-SUB termination board with Push-in front connections and D-SUB pin strip, number of positions: 15, 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	1278800
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	CK2172
GTIN	4063151475758
Weight per piece (including packing)	94.233 g
Weight per piece (excluding packing)	91 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Interface module
Product family	VARIOFACE Front Connect

Data management status

Article revision	02
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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	2 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 60807-2
	DIN 41652
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	15

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
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Height	127.2 mm
Depth	46.85 mm

Material specifications

Flammability rating according to UL 94	V0
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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
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CSA, USA/Canada

Identification	CSA C22.2 NO. 61010-2-201
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 60664-1
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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.
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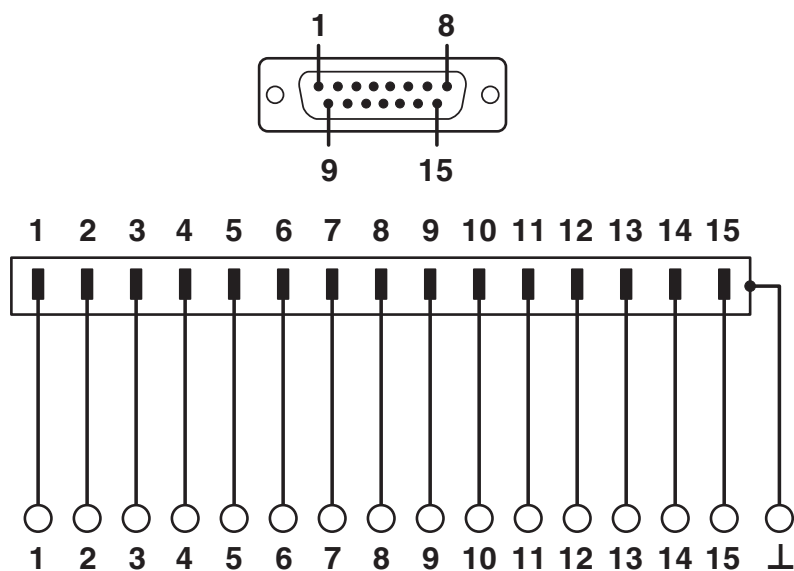
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Drawings

Circuit diagram



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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1278800>



UL Listed

Approval ID: E238705



cUL Listed

Approval ID: E238705

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 9.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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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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Accessories

CABLE D-SUB-S/.../.../... - Cable

2302340

<https://www.phoenixcontact.com/us/products/2302340>



Shielded round cable, assembled with one D-SUB female and pin strip (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

CABLE D-SUB-B-B-S/.../.../... - Cable

2302421

<https://www.phoenixcontact.com/us/products/2302421>



Shielded round cable, assembled with two D-SUB female strips (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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SK 2,8 WH:REEL - Marker strip

0805205

<https://www.phoenixcontact.com/us/products/0805205>



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, lettering field size: continuous x 2.8 mm, Number of individual labels: 14

CABLE-D15SUB/B/S/ 50/KONFEK/S - Cable

2302052

<https://www.phoenixcontact.com/us/products/2302052>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 0.5 m

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CABLE-D15SUB/B/S/100/KONFEK/S - Cable

2302065

<https://www.phoenixcontact.com/us/products/2302065>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

CABLE-D15SUB/B/S/150/KONFEK/S - Cable

2302078

<https://www.phoenixcontact.com/us/products/2302078>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1.5 m

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CABLE-D15SUB/B/S/200/KONFEK/S - Cable

2302081

<https://www.phoenixcontact.com/us/products/2302081>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m

CABLE-D15SUB/B/S/300/KONFEK/S - Cable

2302094

<https://www.phoenixcontact.com/us/products/2302094>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

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CABLE-D15SUB/B/S/400/KONFEK/S - Cable

2302104

<https://www.phoenixcontact.com/us/products/2302104>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 4 m

CABLE-D15SUB/B/S/600/KONFEK/S - Cable

2302117

<https://www.phoenixcontact.com/us/products/2302117>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 6 m

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CABLE-D15SUB/B/S/HF/S/ 1,0M - Cable

1066600

<https://www.phoenixcontact.com/us/products/1066600>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

CABLE-D15SUB/B/S/HF/S/ 2,0M - Cable

1066602

<https://www.phoenixcontact.com/us/products/1066602>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m

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CABLE-D15SUB/B/S/HF/S/ 3,0M - Cable

1066603

<https://www.phoenixcontact.com/us/products/1066603>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

CABLE-D15SUB-B-S-HF-S/... - Cable

1075565

<https://www.phoenixcontact.com/us/products/1075565>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: variable

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CABLE-D15SUB/B/B/100/KONFEK/S - Cable

2305444

<https://www.phoenixcontact.com/us/products/2305444>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

CABLE-D15SUB/B/B/200/KONFEK/S - Cable

2305457

<https://www.phoenixcontact.com/us/products/2305457>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

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CABLE-D15SUB/B/B/300/KONFEK/S - Cable

2305460

<https://www.phoenixcontact.com/us/products/2305460>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

CABLE-D15SUB/B/B/HF/S/ 1,0M - Cable

1066597

<https://www.phoenixcontact.com/us/products/1066597>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

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CABLE-D15SUB/B/B/HF/S/ 2,0M - Cable

1066598

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

CABLE-D15SUB/B/B/HF/S/ 3,0M - Cable

1066599

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

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CABLE-D15SUB-B-B-HF-S/... - Cable

1075566

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Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: variable

CABLE-D-15SUB/F/OE/0,25/S/0,5M - Cable

2926085

<https://www.phoenixcontact.com/us/products/2926085>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 0.5 m

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CABLE-D-15SUB/F/OE/0,25/S/1,0M - Cable

2926098

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

CABLE-D-15SUB/F/OE/0,25/S/1,5M - Cable

2926108

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1.5 m

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CABLE-D-15SUB/F/OE/0,25/S/2,0M - Cable

2926111

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

CABLE-D-15SUB/F/OE/0,25/S/3,0M - Cable

2926124

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

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CABLE-D-15SUB/F/OE/0,25/S/4,0M - Cable

2926137

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 4 m

CABLE-D-15SUB/F/OE/0,25/S/6,0M - Cable

2926140

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 6 m

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CABLE-D-15SUB-F-OE-0,25-S/... - Cable

2900905

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Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: variable

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