

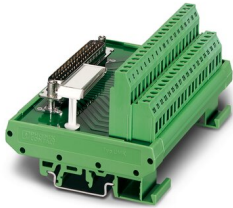
Interface module - FLKM-D37 SUB/S



2281115

<https://www.phoenixcontact.com/pc/products/2281115>

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VARIOFACE module, with screw connection and D-Subminiature pin strip, for mounting on NS 35/7.5 or NS 32, 37-pos.

Commercial Data

Item number	2281115
Packing unit	5 pc
Minimum order quantity	1 pc
Product Key	CK2222
Catalog Page	Page 248 (IF-2007)
GTIN	4017918054564
Weight per Piece (including packing)	193 g
Weight per Piece (excluding packing)	182.206 g
Customs tariff number	85369010
Country of origin	DE

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Technical Data

Product properties

Product type	Interface module
Number of positions	37

Insulation characteristics

Overvoltage category	II
Pollution degree	2
Insulation	Functional insulation

Electrical properties

Nominal voltage U_N	25 V AC
	60 V DC
Max. current carrying capacity per branch	2.5 A
	1.5 A (with even load on all branches)
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV

Connection data

Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
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

Controller level

Connection method	D-SUB pin strip
Number of positions	37

LED signaling

Status display present	No
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Dimensions

Width	101.5 mm
Height	77 mm
Depth	57.5 mm

Material specifications

Housing insulation material	Polyamide 6 green
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Approval data

UKCA

Certificate	UKCA-compliant
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Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Mounting position	any

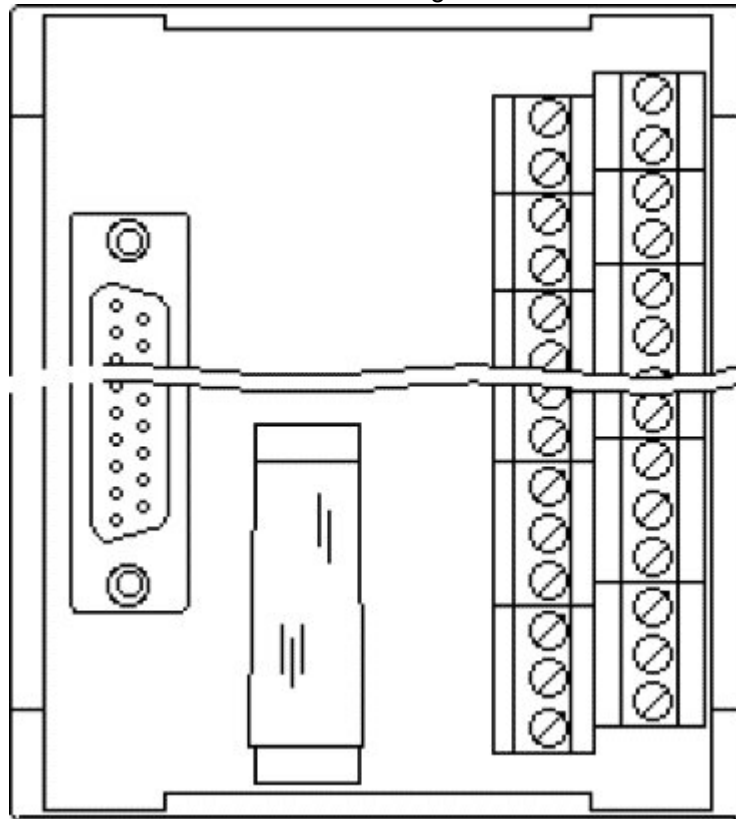
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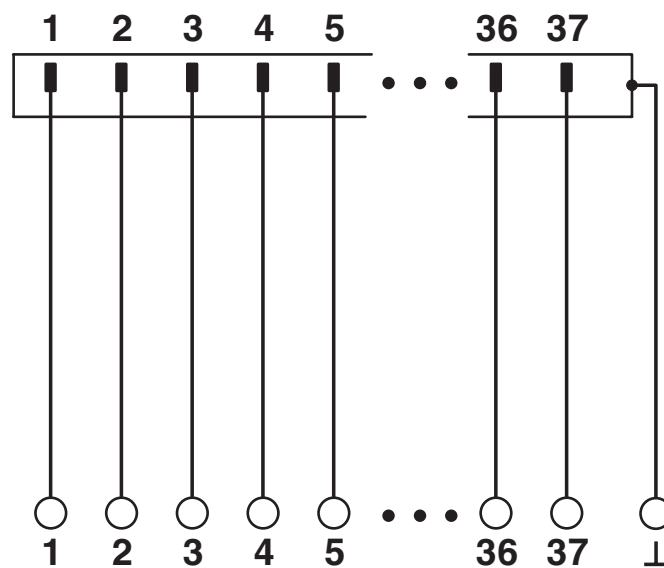
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Drawings

Schematic diagram



Circuit diagram




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Approvals

 cUL Recognized Approval ID: FILE E 118976				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Field wiring	125 V	2.5 A	30 - 12	-

 UL Recognized Approval ID: FILE E 118976				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Field wiring	125 V	2.5 A	30 - 12	-

cULus Recognized

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Classifications

ECLASS

ECLASS-9.0	27141152
ECLASS-10.0.1	27141152
ECLASS-11.0	27141152

ETIM

ETIM 8.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Cable

Cable - CABLE D-SUB-S/.../.../... - 2302340

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



Shielded round cable, assembled with one D-SUB male and one female connector, variable cable length

Cable

Cable - CABLE D-SUB-B-B-S/.../.../... - 2302421

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



Shielded round cable, assembled with two D-SUB female connectors, variable cable length

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB/B/S/ 50/KONFEK/S - 2302191

<https://www.phoenixcontact.com/pc/products/2302191>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 0.5 m

Cable

Cable - CABLE-D37SUB/B/S/100/KONFEK/S - 2302201

<https://www.phoenixcontact.com/pc/products/2302201>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 1 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB/B/S/150/KONFEK/S - 2302214

<https://www.phoenixcontact.com/pc/products/2302214>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 1.5 m

Cable

Cable - CABLE-D37SUB/B/S/200/KONFEK/S - 2302227

<https://www.phoenixcontact.com/pc/products/2302227>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 2 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB/B/S/300/KONFEK/S - 2302230

<https://www.phoenixcontact.com/pc/products/2302230>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 3 m

Cable

Cable - CABLE-D37SUB/B/S/400/KONFEK/S - 2302243

<https://www.phoenixcontact.com/pc/products/2302243>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 4 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB/B/S/600/KONFEK/S - 2302256

<https://www.phoenixcontact.com/pc/products/2302256>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 6 m

Cable

Cable - CABLE-D37SUB/B/S/HF/S/ 1,0M - 1066608

<https://www.phoenixcontact.com/pc/products/1066608>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 1 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB/B/S/HF/S/ 2,0M - 1066609

<https://www.phoenixcontact.com/pc/products/1066609>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 2 m

Cable

Cable - CABLE-D37SUB/B/S/HF/S/ 3,0M - 1066611

<https://www.phoenixcontact.com/pc/products/1066611>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: 3 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D37SUB-B-S-HF-S/... - 1075562

<https://www.phoenixcontact.com/pc/products/1075562>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 37-position); connection 2: D-SUB pin strip (1x 37-position); cable length: variable

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/0,5M - 2926221

<https://www.phoenixcontact.com/pc/products/2926221>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 0.5 m

Interface module - FLKM-D37 SUB/S

2281115

<https://www.phoenixcontact.com/pc/products/2281115>

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/1,0M - 2926234

<https://www.phoenixcontact.com/pc/products/2926234>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 1 m

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/1,5M - 2926247

<https://www.phoenixcontact.com/pc/products/2926247>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 1.5 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/2,0M - 2926250

<https://www.phoenixcontact.com/pc/products/2926250>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 2 m

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/3,0M - 2926263

<https://www.phoenixcontact.com/pc/products/2926263>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 3 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/4,0M - 2926276

<https://www.phoenixcontact.com/pc/products/2926276>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 4 m

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/6,0M - 2926289

<https://www.phoenixcontact.com/pc/products/2926289>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 6 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/10M - 2906217

<https://www.phoenixcontact.com/pc/products/2906217>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 10 m

Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/15M - 2906218

<https://www.phoenixcontact.com/pc/products/2906218>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 15 m

Interface module - FLKM-D37 SUB/S

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Cable

Cable - CABLE-D-37SUB/F/OE/0,25/S/20M - 2906219

<https://www.phoenixcontact.com/pc/products/2906219>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: 20 m

Cable

Cable - CABLE-D-37SUB-F-OE-0,25-S/... - 2900907

<https://www.phoenixcontact.com/pc/products/2900907>



Assembled shielded round cable; connection 1: Single wires (37-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 37-position); cable length: variable

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com