

Interface module - UM 45-D50SUB/S



2962816

<https://www.phoenixcontact.com/us/products/2962816>

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VARIOFACE module, with screw connection and D-subminiature pin strip, for assembly on NS 35/7.5, 50 positions (no consecutive numbering)

Commercial Data

Item number	2962816
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C02
Product Key	CK2223
Catalog Page	Page 250 (IF-2007)
GTIN	4017918087470
Weight per Piece (including packing)	179.9 g
Weight per Piece (excluding packing)	136.85 g
Customs tariff number	85369010
Country of origin	DE

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Technical Data

Product properties

Product type	Interface module
Number of positions	50

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	6 mm
Screw thread	M3
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section AWG	26 ... 16

Controller level

Connection method	D-SUB pin strip
Number of positions	50

LED signaling

Status display present	No
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Dimensions

Width	156 mm
Height	45 mm
Depth	43.5 mm

Material specifications

Housing insulation material	PVC
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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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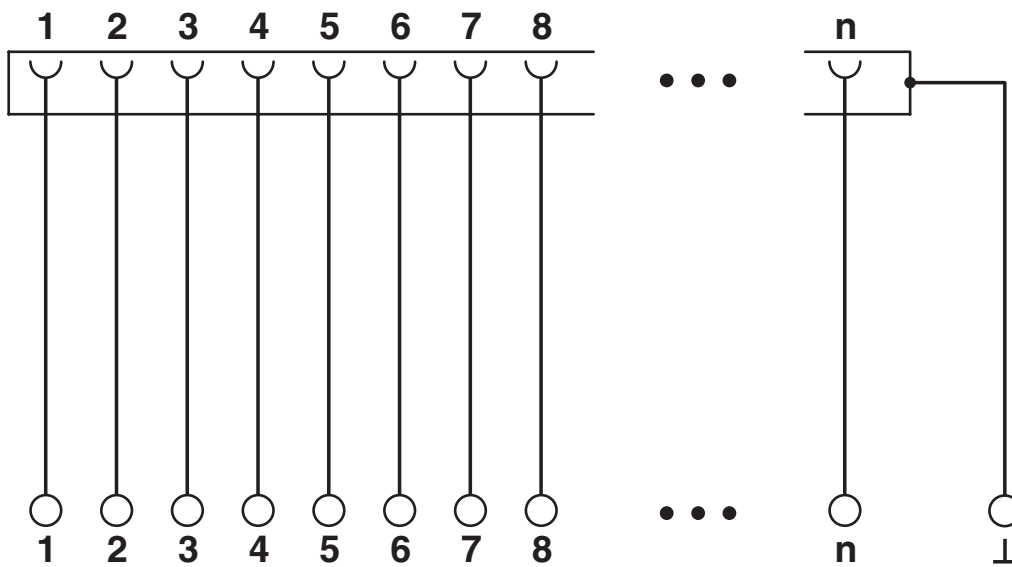
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Drawings

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 - 14	-

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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

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Cable

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

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



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

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Cable

Cable - CABLE-D50SUB/B/S/ 50/KONFEK/S - 2302269

<https://www.phoenixcontact.com/us/products/2302269>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 0.5 m

Cable

Cable - CABLE-D50SUB/B/S/100/KONFEK/S - 2302272

<https://www.phoenixcontact.com/us/products/2302272>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1 m

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Cable

Cable - CABLE-D50SUB/B/S/150/KONFEK/S - 2302285

<https://www.phoenixcontact.com/us/products/2302285>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1.5 m

Cable

Cable - CABLE-D50SUB/B/S/200/KONFEK/S - 2302298

<https://www.phoenixcontact.com/us/products/2302298>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 2 m

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Cable

Cable - CABLE-D50SUB/B/S/300/KONFEK/S - 2302308

<https://www.phoenixcontact.com/us/products/2302308>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 3 m

Cable

Cable - CABLE-D50SUB/B/S/400/KONFEK/S - 2302311

<https://www.phoenixcontact.com/us/products/2302311>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 4 m

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Cable

Cable - CABLE-D50SUB/B/S/600/KONFEK/S - 2302324

<https://www.phoenixcontact.com/us/products/2302324>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 6 m

Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 1,0M - 1066678

<https://www.phoenixcontact.com/us/products/1066678>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 1 m

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Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 2,0M - 1066679

<https://www.phoenixcontact.com/us/products/1066679>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 2 m

Cable

Cable - CABLE-D50SUB/B/S/HF/S/ 3,0M - 1066681

<https://www.phoenixcontact.com/us/products/1066681>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: 3 m

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Cable

Cable - CABLE-D50SUB-B-S-HF-S/... - 1075554

<https://www.phoenixcontact.com/us/products/1075554>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 50-position); connection 2: D-SUB pin strip (1x 50-position); cable length: variable

Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/0,5M - 2926292

<https://www.phoenixcontact.com/us/products/2926292>



Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 0.5 m

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Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/1,0M - 2926302

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Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 1 m

Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/1,5M - 2926315

<https://www.phoenixcontact.com/us/products/2926315>



Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 1.5 m

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Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/2,0M - 2926328

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Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 2 m

Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/3,0M - 2926331

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Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 3 m

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Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/4,0M - 2926344

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Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 4 m

Cable

Cable - CABLE-D-50SUB/F/OE/0,25/S/6,0M - 2926357

<https://www.phoenixcontact.com/us/products/2926357>



Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: 6 m

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Cable

Cable - CABLE-D-50SUB-F-OE-0,25-S/... - 2900908

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Assembled shielded round cable; connection 1: Single wires (50-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 50-position); cable length: variable

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