

# UM 45-D25SUB/S - Interface module



2962793

<https://www.phoenixcontact.com/us/products/2962793>

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VARIOFACE module, with screw connection and D-subminiature pin strip, for assembly on NS 35/7.5, 25 positions

## Commercial data

Item number	2962793
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C422
Product key	CK2223
Catalog page	Page 250 (IF-2007)
GTIN	4017918087456
Weight per piece (including packing)	101.4 g
Weight per piece (excluding packing)	103 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	25

### Insulation characteristics

Insulation	Functional insulation
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### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	$\leq 30 \text{ V AC}$
Operating voltage (DC)	$\leq 60 \text{ V DC}$
Current (per branch)	$\leq 2.5 \text{ A}$
Current (Total current)	$\leq 62.5 \text{ A}$

### Air clearances and creepage distances

Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (1.2/50 $\mu\text{s}$ )

### Connection data

#### Connection 1 (control level)

Connection in acc. with standard	IEC 60807-2
Connection method	D-SUB pin strip
Screw thread	UNC 4-40
Number of connections	1
Number of positions	25
Insertion/withdrawal cycles	> 500
Pitch	2.77 mm

#### Connection 2 (field level)

Connection method	Screw connection
Stripping length	6 mm
Screw thread	M3
Number of positions	26
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section AWG	26 ... 16

### Signaling

Status display present	No
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## Dimensions

### Item dimensions

Width	90 mm
Height	45 mm
Depth	43.12 mm

## Material specifications

Housing insulation material	PVC
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

General	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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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2962793>

cUL Recognized Approval ID: FILE E 118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Field wiring	125 V	2.5 A	30 - 14	-

UL Recognized Approval ID: FILE E 118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Field wiring	125 V	2.5 A	30 - 14	-

cULus Recognized				
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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	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 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

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### 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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## CABLE-D25SUB/B/S/ 50/KONFEK/S - Cable

2302120

<https://www.phoenixcontact.com/us/products/2302120>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 0.5 m

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## CABLE-D25SUB/B/S/100/KONFEK/S - Cable

2302133

<https://www.phoenixcontact.com/us/products/2302133>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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## CABLE-D25SUB/B/S/150/KONFEK/S - Cable

2302146

<https://www.phoenixcontact.com/us/products/2302146>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1.5 m

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## CABLE-D25SUB/B/S/200/KONFEK/S - Cable

2302159

<https://www.phoenixcontact.com/us/products/2302159>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

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## CABLE-D25SUB/B/S/300/KONFEK/S - Cable

2302162

<https://www.phoenixcontact.com/us/products/2302162>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

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## CABLE-D25SUB/B/S/400/KONFEK/S - Cable

2302175

<https://www.phoenixcontact.com/us/products/2302175>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 4 m

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## CABLE-D25SUB/B/S/600/KONFEK/S - Cable

2302188

<https://www.phoenixcontact.com/us/products/2302188>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 6 m

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## CABLE-D25SUB/B/S/HF/S/ 1,0M - Cable

1066665

<https://www.phoenixcontact.com/us/products/1066665>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

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## CABLE-D25SUB/B/S/HF/S/ 2,0M - Cable

1066666

<https://www.phoenixcontact.com/us/products/1066666>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 2 m

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## CABLE-D25SUB/B/S/HF/S/ 3,0M - Cable

1066667

<https://www.phoenixcontact.com/us/products/1066667>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m

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## CABLE-D25SUB-B-S-HF-S/... - Cable

1075559

<https://www.phoenixcontact.com/us/products/1075559>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 25-position); connection 2: D-SUB pin strip (1x 25-position); cable length: variable

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

2926153

<https://www.phoenixcontact.com/us/products/2926153>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 0.5 m

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

2926166

<https://www.phoenixcontact.com/us/products/2926166>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1 m

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

2926179

<https://www.phoenixcontact.com/us/products/2926179>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 1.5 m

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

2926182

<https://www.phoenixcontact.com/us/products/2926182>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 2 m

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

2926195

<https://www.phoenixcontact.com/us/products/2926195>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 3 m



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

2926205

<https://www.phoenixcontact.com/us/products/2926205>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 4 m

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

2926218

<https://www.phoenixcontact.com/us/products/2926218>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 6 m

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

2906214

<https://www.phoenixcontact.com/us/products/2906214>



Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 10 m

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

2906215

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 15 m

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

2906216

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: 20 m

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

2900906

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Assembled shielded round cable; connection 1: Single wires (25-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 25-position); cable length: variable

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