

## Interface module - UM 45-D 9SUB/S/ZFKDS - 2293611

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VARIOFACE module, with spring-cage connection and D-Subminiature pin strip, for mounting on NS 35/7.5, 9-pos.

The figure shows version UM 45-D 37SUB/S/ZFKDS

### Why buy this product

- 9 to 50-pos.
- Spring-cage connection technology
- According to IEC 60807-2
- 1:1 connection



### Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918120511
Weight per Piece (excluding packing)	79.200 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Width	54 mm
Height	45 mm
Depth	50 mm

#### Ambient conditions

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## Technical data

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### General

Max. perm. operating voltage	25 V AC
	60 V DC
Max. perm. current (per branch)	2.5 A
	1.5 A (with even load on all branches)
Number of positions	9
Status display	No
Mounting position	any
Degree of protection	IP20

### Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC/EN
Connection method	Spring-cage connection
Stripping length	8 mm
Conductor cross section solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 14

### Connection data for connection 2

Connection name	Controller level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	9

### Standards and Regulations

Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II
Mounting position	any

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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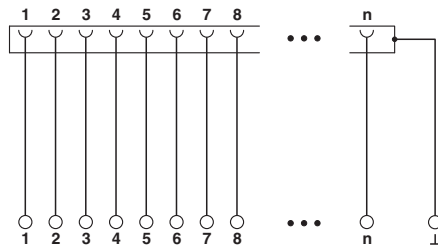
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

Circuit diagram



## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432

## Approvals

### Approvals

## Interface module - UM 45-D 9SUB/S/ZFKDS - 2293611

### Approvals

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Approvals


EAC / EAC


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Ex Approvals

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### Approval details

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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### Accessories

#### Accessories

#### Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

### System cable

Cable - CABLE-D 9SUB/B/S/ 50/KONFEK/S - 2299987



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 0.5 m

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### Accessories

Cable - CABLE-D 9SUB/B/S/100/KONFEK/S - 2299990



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 1 m

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Cable - CABLE-D 9SUB/B/S/150/KONFEK/S - 2300009



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 1.5 m

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Cable - CABLE-D 9SUB/B/S/200/KONFEK/S - 2302010



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 2 m

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Cable - CABLE-D 9SUB/B/S/300/KONFEK/S - 2302023



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 3 m

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Cable - CABLE-D 9SUB/B/S/400/KONFEK/S - 2302036



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 4 m

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## Interface module - UM 45-D 9SUB/S/ZFKDS - 2293611

### Accessories

Cable - CABLE-D 9SUB/B/S/600/KONFEK/S - 2302049



Assembled shielded round cable; Connection 1: D-SUB socket strip (1x 9-position); Connection 2: D-SUB pin strip (1x 9-position); Cable length: 6 m

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



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

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



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

Cable - CABLE-D- 9SUB/F/OE/0,25/S/0,5M - 2926014



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 0.5 m

Cable - CABLE-D- 9SUB/F/OE/0,25/S/1,0M - 2926027



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 1 m

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### Accessories

Cable - CABLE-D- 9SUB/F/OE/0,25/S/1,5M - 2926030



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 1.5 m

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Cable - CABLE-D- 9SUB/F/OE/0,25/S/2,0M - 2926043



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 2 m

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Cable - CABLE-D- 9SUB/F/OE/0,25/S/3,0M - 2926056



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 3 m

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Cable - CABLE-D- 9SUB/F/OE/0,25/S/4,0M - 2926069



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 4 m

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Cable - CABLE-D- 9SUB/F/OE/0,25/S/6,0M - 2926072



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: 6 m

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### Accessories

Cable - CABLE-D- 9SUB-F-OE-0,25-S/... - 2900903



Assembled shielded round cable; Connection 1: Single wires (9-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 9-position); Cable length: Variable