

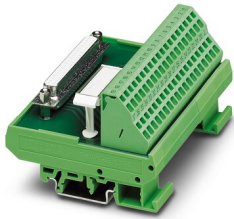
# Interface module - FLKM-D37 SUB/B/ZFKDS



2304063

<https://www.phoenixcontact.com/pc/products/2304063>

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Standard 1:1 D-SUB module, with spring-cage connection and D-SUB socket strip, no. of positions 37

## Your advantages

- 9-pos. ... 50-pos.
- Spring-cage connection technology
- In accordance with IEC 60807-2
- 1:1 connection

## Commercial Data

Item number	2304063
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CK2222
Catalog Page	Page 308 (IF-2011)
GTIN	4017918944032
Weight per Piece (including packing)	181.2 g
Weight per Piece (excluding packing)	0.77 g
Customs tariff number	85369010
Country of origin	DE

## 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 method	Spring-cage connection
Stripping length	7 mm
Number of positions	38
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Controller level

Connection method	D-SUB socket strip
Number of positions	37

### LED signaling

Status display	No
Status display present	No

### Dimensions

Width	101.5 mm
Height	77 mm
Depth	51.5 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
Assembly instructions	in rows with zero spacing
Mounting position	any

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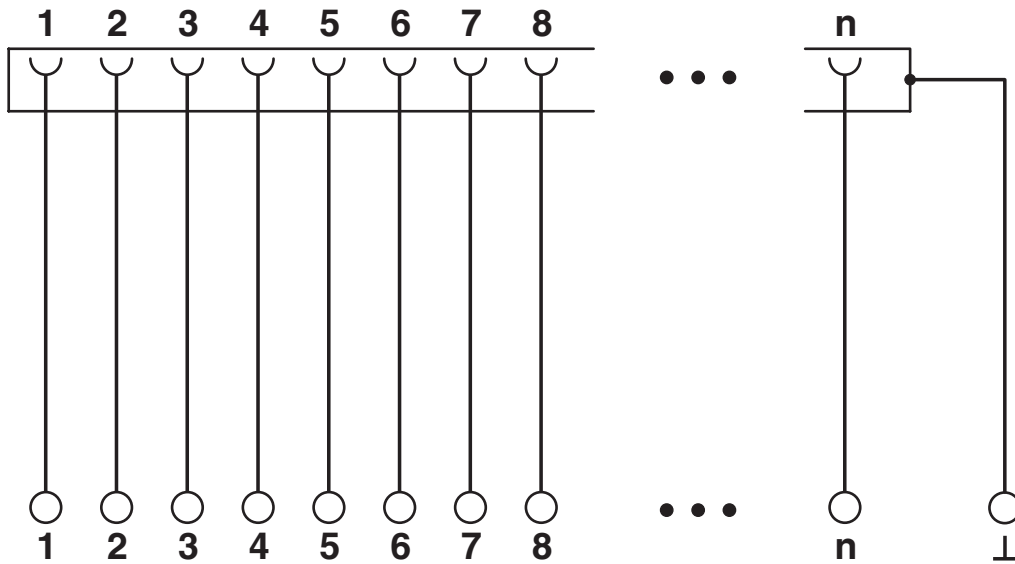


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## Drawings

Circuit diagram




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## Approvals

 <b>cUL Recognized</b> Approval ID: FILE E 238705				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	125 V	2.5 A	-	-

 <b>UL Recognized</b> Approval ID: FILE E 238705				
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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

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

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### Cable

Cable - CABLE D-SUB-S-S-S/.../.../... - 2302434

<https://www.phoenixcontact.com/pc/products/2302434>



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



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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

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## 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/B/ZFKDS

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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

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## 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

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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

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## 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/B/ZFKDS

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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

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## 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/B/ZFKDS

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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

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## 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/B/ZFKDS

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<https://www.phoenixcontact.com/pc/products/2304063>

## 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

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/0,5M - 2926577

<https://www.phoenixcontact.com/pc/products/2926577>



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 pin strip (1x 37-position); cable length: 0.5 m

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/1,0M - 2926580

<https://www.phoenixcontact.com/pc/products/2926580>



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 pin strip (1x 37-position); cable length: 1 m

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/1,5M - 2926593

<https://www.phoenixcontact.com/pc/products/2926593>



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 pin strip (1x 37-position); cable length: 1.5 m

# Interface module - FLKM-D37 SUB/B/ZFKDS

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/2,0M - 2926603

<https://www.phoenixcontact.com/pc/products/2926603>



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 pin strip (1x 37-position); cable length: 2 m

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/3,0M - 2926616

<https://www.phoenixcontact.com/pc/products/2926616>



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 pin strip (1x 37-position); cable length: 3 m



# Interface module - FLKM-D37 SUB/B/ZFKDS

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/4,0M - 2926629

<https://www.phoenixcontact.com/pc/products/2926629>



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 pin strip (1x 37-position); cable length: 4 m

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## Cable

Cable - CABLE-D-37SUB/M/OE/0,25/S/6,0M - 2926632

<https://www.phoenixcontact.com/pc/products/2926632>



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 pin strip (1x 37-position); cable length: 6 m

# Interface module - FLKM-D37 SUB/B/ZFKDS



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## Cable

Cable - CABLE-D-37SUB-M-OE-0,25-S/... - 2900912

<https://www.phoenixcontact.com/pc/products/2900912>



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 pin 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](mailto:info@phoenixcontact.com)