

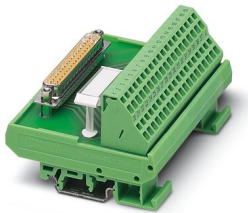
Interface module - FLKM-D37 SUB/S/ZFKDS



2304018

<https://www.phoenixcontact.com/pc/products/2304018>

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Standard 1:1 D-SUB module, with spring-cage connection and D-SUB pin 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	2304018
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CK2222
Catalog Page	Page 308 (IF-2011)
GTIN	4017918943981
Weight per Piece (including packing)	172 g
Weight per Piece (excluding packing)	0.77 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 method	Spring-cage connection
Stripping length	7 mm
Number of positions	38
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	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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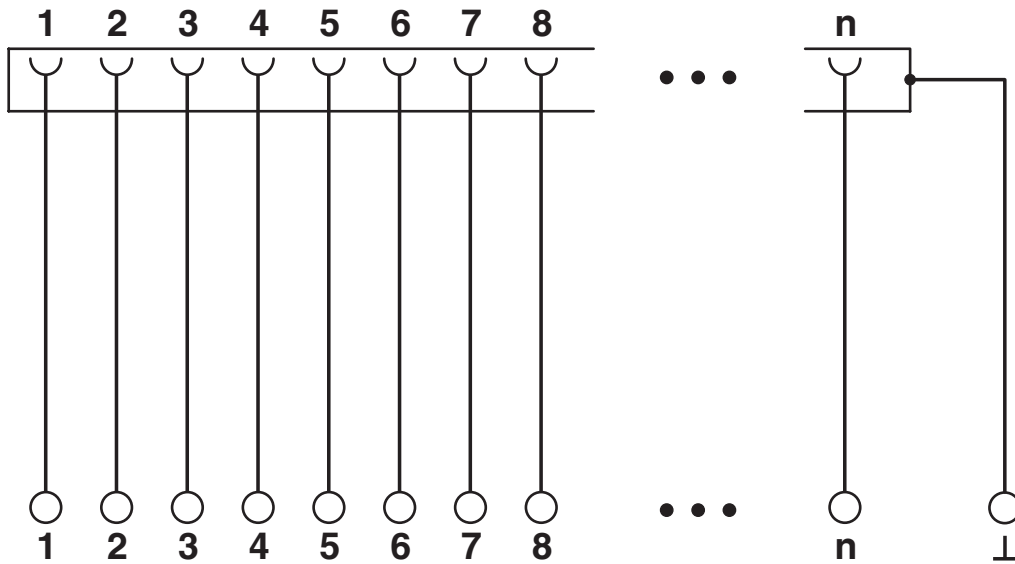


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Drawings

Circuit diagram




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Approvals

 cUL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	2.5 A	-	-

 UL Recognized Approval ID: FILE E 238705				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	2.5 A	-	-

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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Interface module - FLKM-D37 SUB/S/ZFKDS



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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/ZFKDS

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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/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

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/ZFKDS

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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/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

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/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

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/ZFKDS

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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/ZFKDS

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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/ZFKDS

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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/ZFKDS

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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/ZFKDS

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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/ZFKDS

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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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