

# Interface module - FLKM-D25 SUB/B/ZFKDS - 2304050

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Standard 1:1 D-SUB module, with spring-cage connection and D-SUB socket strip, no. of positions 25

The figure shows the version FLKM-D37 SUB/S/ZFKDS

## Your advantages

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



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918944025

## Technical data

### Dimensions

Width	78.8 mm
Height	77 mm
Depth	52 mm

### 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

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## Technical data

### General

	1.5 A (with even load on all branches)
Number of positions	25
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP20

### Connection data for connection 1

Connection name	Field level
Connection method	Spring-cage connection
Stripping length	7 mm
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
Number of positions	16

### Connection data for connection 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of positions	25

### Supported controller

Controller	ABB S800 I/O
- suitable I/O card	DI810
	DI811
	DI814
	DI818
	DI830
	DI831
	DI840
	DI885
	DO810
	DO814
	DO818
	DP820
	DO840
	AI810
	AI820
	AI830
	AI835
	AI845
	AO810

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## Technical data

### Supported controller

	AO820
	AO845

### Standards and Regulations

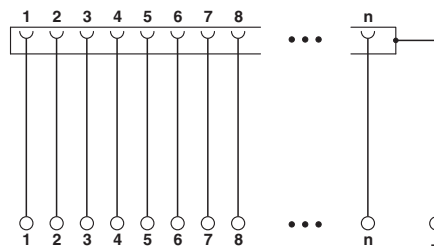
Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV
Insulation	Functional insulation
Degree of pollution	2
Overvoltage category	II

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Circuit diagram



## Approvals

### Approvals

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Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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Ex Approvals

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### Approval details

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## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		2.5 A	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		2.5 A	

EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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