

## Interface module - DFLK-D50 SUB/F/FKCT - 2903070

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



The VARIOFACE feed-through module implements a 1:1 connection between plug-in push-in spring-cage connection terminal blocks and a D-SUB miniature socket strip (number of positions: 50). There is no separate ground tap.

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356709620

### Technical data

#### Dimensions

Width	38 mm
Height	143.5 mm
Depth	46 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP20

#### General

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. perm. current (per branch)	2.5 A
Max. permissible current (all branches)	50 A (at $T_A = 50^\circ\text{C}$ )
Number of positions	50
Mounting position	any
Assembly instructions	In rows with zero spacing
Degree of protection	IP20

# Interface module - DFLK-D50 SUB/F/FKCT - 2903070

## Technical data

### Connection data

Connection name	Field level
Connection method	Push-in spring connection
Stripping length	10 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> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
pluggable	Yes

### Connection data 2

Connection name	Controller level
Connection method	D-SUB socket strip
Number of positions	50

### Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV (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"

## Approvals

### Approvals

Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

### Approval details

## Interface module - DFLK-D50 SUB/F/FKCT - 2903070

### 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		1 A	
mm <sup>2</sup> /AWG/kcmil		30-12	

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		1 A	
mm <sup>2</sup> /AWG/kcmil		30-12	

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

cULus Recognized	
------------------	---

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>