

# DFLK-D50 SUB/M/PTDA-2,5 - Termination board



2319951

<https://www.phoenixcontact.com/us/products/2319951>

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 documentation. Our general terms of use for downloads are valid.



VARIOFACE feed-through module, with 50-pos. D-SUB pin strip and spring-cage double connection

## Commercial data

Item number	2319951
Packing unit	5 pc
Minimum order quantity	50 pc
Product key	DK2AC2
GTIN	4046356460682
Weight per piece (including packing)	150.88 g
Weight per piece (excluding packing)	145.73 g
Country of origin	DE

# DFLK-D50 SUB/M/PTDA-2,5 - Termination board



2319951

<https://www.phoenixcontact.com/us/products/2319951>

## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	50

### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	50 V DC (25 V AC)
Max. current carrying capacity per branch	0.5 A

### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 $\mu$ s)

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Spring-cage connection with direct connector-in method
Number of positions	50
Conductor cross-section rigid	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 ... 14

#### Controller level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	50

### Signaling

Status display present	no
------------------------	----

### Dimensions

#### Item dimensions

Width	32 mm
Height	44 mm
Depth	145 mm

### Material specifications

# DFLK-D50 SUB/M/PTDA-2,5 - Termination board



2319951

<https://www.phoenixcontact.com/us/products/2319951>

Color	green (RAL 6021)
Housing insulation material	PVC

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	DIN EN 50178: 1998-04
-----------------------	-----------------------

## Mounting

Mounting type	Rear mounting
Mounting position	any

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2319951

<https://www.phoenixcontact.com/us/products/2319951>

## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)