

# UM 45-FLK50/FRONT/Q - Termination board



2959557

<https://www.phoenixcontact.com/us/products/2959557>

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 SLIM LINE, with screw connection and flat-ribbon cable connector, for assembly at a right angle on NS 35/7.5, 50 positions



## Commercial data

Item number	2959557
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C422
Product key	DK21A1
GTIN	4017918086206
Weight per piece (including packing)	323.4 g
Weight per piece (excluding packing)	262.64 g
Customs tariff number	85369010
Country of origin	DE

# UM 45-FLK50/FRONT/Q - Termination board



2959557

<https://www.phoenixcontact.com/us/products/2959557>

## Technical data

### Product properties

Product type	Interface module
Number of positions	50

### Insulation characteristics

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per branch	1 A (data valid for 100% coincidence factor)
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	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	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

### Signaling

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

### Dimensions

#### Item dimensions

Width	45 mm
Height	190.8 mm
Depth	50.19 mm

### Material specifications

# UM 45-FLK50/FRONT/Q - Termination board



2959557

<https://www.phoenixcontact.com/us/products/2959557>

Color	green (RAL 6021)
Housing insulation material	PVC

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-10 °C ... 50 °C
Ambient temperature (storage/transport)	-10 °C ... 70 °C

## Standards and regulations

Standards/regulations	DIN EN 50178
	IEC 60664

## Mounting

Mounting type	DIN rail 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.
--------------------	--

# UM 45-FLK50/FRONT/Q - Termination board



2959557

<https://www.phoenixcontact.com/us/products/2959557>

## Classifications

### UNSPSC

UNSPSC 21.0	39121432
-------------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%