

# Passive module - UM 45-FLK50/LA/PLC - 2962502

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://download.phoenixcontact.com>)



VARIOFACE COMPACT LINE, interface module for 32 channels, with LED, for assembly on DIN rail NS 35/7.5, screw connection

The illustration shows version UM 45-FLK50/PLC



## Key commercial data

package_quantity	1
GTIN	4017918087203

## Technical data

### Dimensions

Width	126 mm
Height	45 mm
Depth	50 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### General

Nominal voltage $U_N$	20 V DC (up to 30 V DC)
Max. current carrying capacity per branch	1 A
Max. total current of voltage supply	2 A (per byte)
Number of positions	50
Status display	Yellow LED
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	Any
Standards/regulations	IEC 60664
Standards/regulations	DIN EN 50178
Standards/regulations	VDE 110
Pollution degree	2
Surge voltage category	II

### Connection data for connection 1

# Passive module - UM 45-FLK50/LA/PLC - 2962502

## Technical data

### Connection data for connection 1

<b>Connection name</b>	Field level
<b>Connection method</b>	Screw connection
<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	1.5 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	14
<b>Stripping length</b>	6 mm
<b>Screw thread</b>	M3

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27250313
<b>eCl@ss 4.1</b>	27250313
<b>eCl@ss 5.0</b>	27250313
<b>eCl@ss 5.1</b>	27250313
<b>eCl@ss 6.0</b>	27371601
<b>eCl@ss 7.0</b>	27371601
<b>eCl@ss 8.0</b>	27371601

### ETIM

<b>ETIM 2.0</b>	EC001437
<b>ETIM 3.0</b>	EC001437
<b>ETIM 4.0</b>	EC001437
<b>ETIM 5.0</b>	EC001437

### UNSPSC

<b>UNSPSC 6.01</b>	30211824
<b>UNSPSC 7.0901</b>	39121421
<b>UNSPSC 11</b>	39121421
<b>UNSPSC 12.01</b>	39121421
<b>UNSPSC 13.2</b>	39121421

## approvals

---

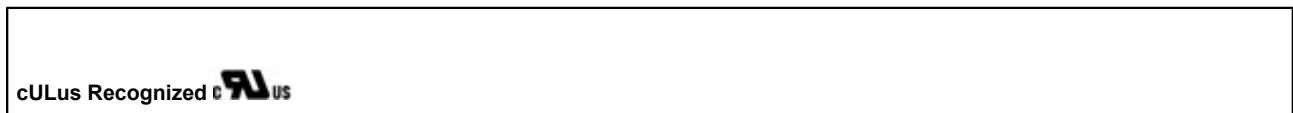
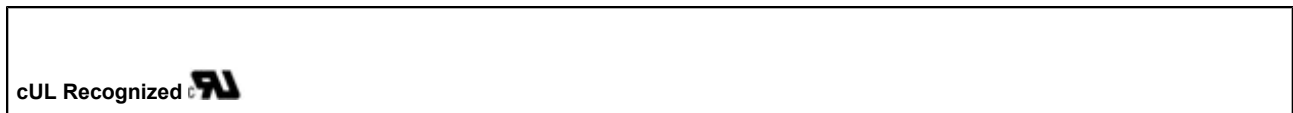
UL Recognized / cUL Recognized / GOST / cULus Recognized /

---

### Approval details

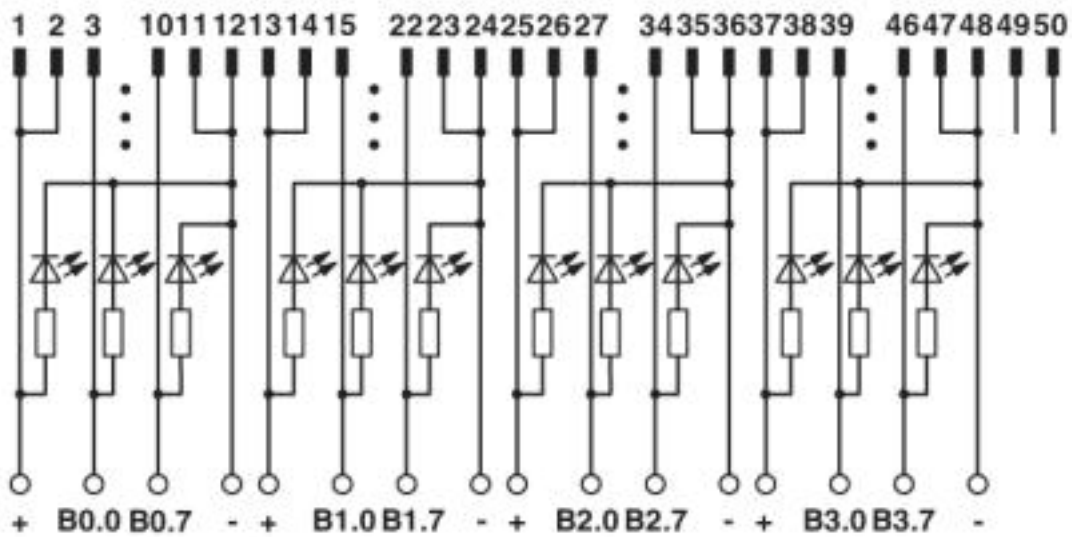
# Passive module - UM 45-FLK50/LA/PLC - 2962502

approvals



## Drawings

Circuit diagram



UM 45-FLK50/LA/PLC connection scheme

© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>