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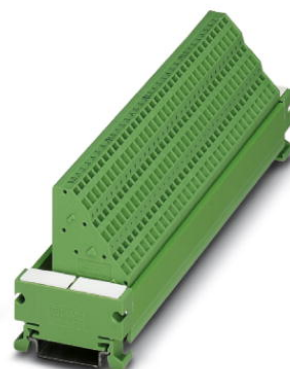
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online catalog

## UM 45-FLK50/32IM/ZFKDS/PLC

Order No.: 2965224




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2965224>

VARIOFACE COMPACT LINE, sensor module for the connection of 32 p-n-p sensors, for assembly on DIN rail NS 35/7.5, spring-cage connection



### Commercial data

GTIN (EAN)	 4 017918 125202
sales group	I631
Pack	1 pcs.
Customs tariff	85369010
Catalog page information	Page 239 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/19/2007



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 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General data

Nominal voltage $U_N$	60 V DC
Max. current carrying capacity per branch	1 A
Max. total current of voltage supply	2 A (per byte)
Number of positions	50

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Width	197 mm
Height	45 mm
Depth	61 mm
Status display	No
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	Any
Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Pollution degree	2
Surge voltage category	II

**Connection data**

Connection 1	Field level
Type of connection	Spring-cage connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Connection 2	Control system level
Number of connections	1
Type of connection	Flat-ribbon cable plug connector in acc. with IEC 60603-13
Number of positions	50

**Certificates / Approvals**



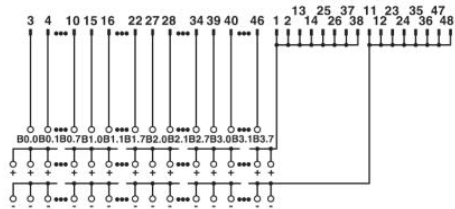
Certification

GOST

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## Diagrams/Drawings

### Circuit diagram



UM 45-FLK50/32IM/ZFKDS/PLC connection scheme

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