

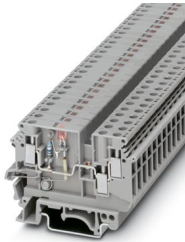
# UDK 4-ULA 24 RD/O-U - Component terminal block



2775045

<https://www.phoenixcontact.com/us/products/2775045>

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Component terminal block, with red light indicator, nominal current: 32 A, 1 level, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: NS 35/7,5, NS 35/15, NS 32, color: gray

The figure shows version UDK 4-ULA 230

## Commercial data

Item number	2775045
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE12
Product key	BE1274
GTIN	4017918068394
Weight per piece (including packing)	13.91 g
Weight per piece (excluding packing)	13.81 g
Customs tariff number	85369010
Country of origin	PL

## Technical data

### Product properties

Product type	Component terminal block
Number of connections	3
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated insulation voltage	24 V
Rated surge voltage	6 kV
LED voltage range	15 V DC ... 30 V DC
LED current range	2.5 mA ... 7.5 mA

### Input data

LED voltage range	15 V DC ... 30 V DC
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### Connection data

Number of connections per level	3
Nominal cross section	4 mm <sup>2</sup>

#### 1 level

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Cross-section with insertion bridge, rigid	2.5 mm <sup>2</sup>
Cross-section with insertion bridge, flexible	2.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 1 mm <sup>2</sup>
2 conductors with the same cross-section AWG rigid	24 ... 18 (converted acc. to IEC)
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

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2 conductors with the same cross-section AWG flexible	24 ... 16 (converted acc. to IEC)
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal cross section	4 mm <sup>2</sup>
Nominal current	32 A
Maximum load current	32 A (the maximum current is determined by the diode)

## Dimensions

Width	6.2 mm
End cover width	1.5 mm

## Material specifications

Color	gray
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Standards and regulations

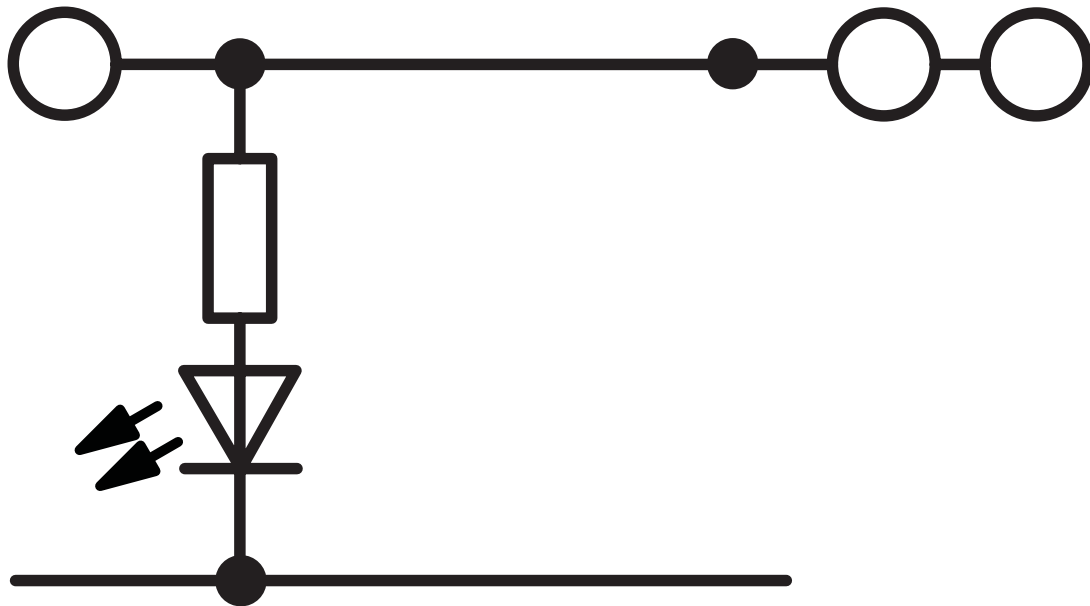
Connection in acc. with standard	IEC 60947-7-1
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Circuit diagram



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## 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%
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