

# UKK 3-MSTB-5,08 AU 32R - Double-level terminal block



2770943

<https://www.phoenixcontact.com/us/products/2770943>

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Double-level terminal block, Current and voltage are determined by the plug used., 32-pos. blocked, nom. voltage: 250 V, nominal current: 10 A, connection method: Screw/plug-in connection, 1st and 2nd level connection left, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

The figure shows the article UKK 3-MSTB-5,08

## Commercial data

Item number	2770943
Packing unit	5 pc
Minimum order quantity	5 pc
Product key	BE1241
GTIN	4017918236465
Weight per piece (including packing)	146.63 g
Weight per piece (excluding packing)	145.3 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Multi-level terminal block
Product family	UK
Number of positions	32
Pitch	5.08 mm
Number of connections	128
Number of rows	2
Potentials	64

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0 W

### Connection data

#### 1st and 2nd level connection left

Connection method	Screw/plug-in connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal current	10 A
Maximum load current	12 A (with 4 mm <sup>2</sup> conductor cross-section)
Nominal voltage	250 V

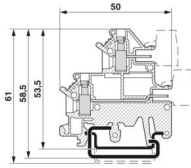
### Dimensions

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Dimensional drawing	
Width	88.9 mm
End cover width	2.5 mm
Height	50 mm
Depth on NS 35/7,5	53.5 mm
Pitch	5.08 mm

## Material specifications

Color	gray (RAL 7042)
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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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

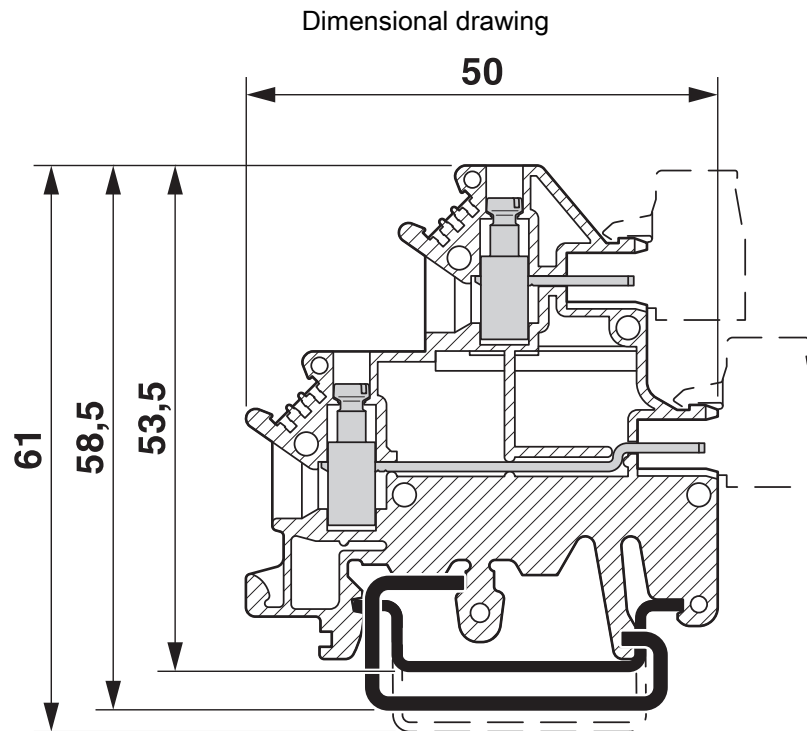
Mounting type	NS 35/7,5
	NS 35/15
	NS 32

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## Drawings



# UKK 3-MSTB-5,08 AU 32R - Double-level terminal block



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## Classifications

### ECLASS

ECLASS-13.0	27250102
ECLASS-15.0	27250102

### ETIM

ETIM 10.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### 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.)	Lead(CAS: 7439-92-1)
SCIP	d4c283ab-e9ac-4f2c-9bc7-7486b40a467e

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