

# UISLKG 35 - Installation protective conductor terminal block

0443065

<https://www.phoenixcontact.com/us/products/0443065>

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Installation protective conductor terminal block, Use an NS 32... or NS 35... copper DIN rail for connection cross sections of 35 mm<sup>2</sup>/2 AWG., number of connections: 2, number of positions: 1, cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, mounting method: PE foot with mounting screw, M5, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

## Your advantages

- USLKG 1,5 N to USLKG 16 N standard ground terminal blocks can be used in conjunction with the neutral busbar

## Commercial data

Item number	0443065
Packing unit	50 pc
Minimum order quantity	30 pc
Sales key	BE12
Product key	BE1251
GTIN	4017918002305
Weight per piece (including packing)	70.64 g
Weight per piece (excluding packing)	68.812 g
Customs tariff number	85369010
Country of origin	IN

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## Technical data

### Product properties

Product type	Ground terminal block
Number of positions	1
Number of connections	2
Number of rows	1

### Insulation characteristics

Overvoltage category	III
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### Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	4.06 W

### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	35 mm <sup>2</sup>
Screw thread	M6
Tightening torque	3.2 ... 3.7 Nm
Stripping length	16 mm
Conductor cross-section rigid	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross-section flexible	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 35 mm <sup>2</sup>

### Dimensions

Width	15 mm
Height	55 mm
Depth on NS 32	56 mm
Depth on NS 35/7,5	51 mm
Depth on NS 35/15	58.5 mm

### Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3

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Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Mechanical properties

### General

Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)
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### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Long life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	$6.12 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
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

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	NS 32
Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)

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## Drawings

Circuit diagram



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## Approvals

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 <b>UL Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	-	-	18 - 2	-

 <b>EAC</b> Approval ID: KZ7500651131219505				
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## Classifications

### ECLASS

ECLASS-13.0	27250103
ECLASS-15.0	27250103

### ETIM

ETIM 10.0	EC000901
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.801 kg CO2e
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