

# UISLKG 35 - Installation ground terminal block

0443065

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

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 documentation. Our general terms of use for downloads are valid.



Installation ground terminal block, Use an NS 32... or NS 35... copper DIN rail for connection cross sections of 35 mm<sup>2</sup>/2 AWG., nom. voltage: 800 V, nominal current: 125 A, 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	50 pc
Note	Made to order (non-returnable)
Sales key	0102*
Product key	BE1251
Catalog page	Page 506 (C-1-2017)
GTIN	4017918002305
Weight per piece (including packing)	71.04 g
Weight per piece (excluding packing)	68.812 g
Customs tariff number	85369010
Country of origin	CN

# UISLKG 35 - Installation ground terminal block



0443065

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

## Technical data

### Notes

General	Use an NS 32... or NS 35... copper DIN rail for connection cross sections of 35 mm <sup>2</sup> /2 AWG.
---------	---------------------------------------------------------------------------------------------------------

### Product properties

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

### Insulation characteristics

Overvoltage category	III
----------------------	-----

### Electrical properties

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

### Connection data

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>
Nominal current	125 A
Maximum load current	125 A
Nominal voltage	800 V

### 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

# UISLKG 35 - Installation ground terminal block



0443065

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

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
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)
-------------------------	---------------------------------------------------

### Mechanical data

Open side panel	No
-----------------	----

## 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 (m/s <sup>2</sup> )/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 %

# UISLKG 35 - Installation ground terminal block



0443065

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

Permissible humidity (storage/transport)	30 % ... 70 %
------------------------------------------	---------------

## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)

# UISLKG 35 - Installation ground terminal block

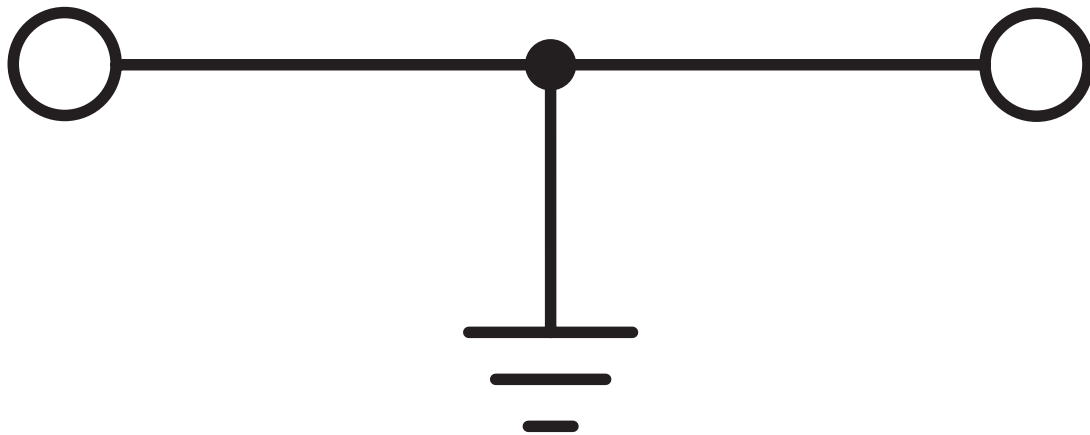


0443065

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

## Drawings

Circuit diagram



# UISLKG 35 - Installation ground terminal block





0443065

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

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/0443065>

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

 <b>EAC</b> Approval ID: EACKZ 08593				
--------------------------------------------------------------------------------------------------------------------------	--	--	--	--

# UISLKG 35 - Installation ground terminal block



0443065

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

## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

ETIM 9.0	EC000901
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UISLKG 35 - Installation ground terminal block



0443065

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

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

### 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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.  
105 Eunos Avenue 3, #04-00  
Singapore 409836  
+65 6228 4900  
[marketing@phoenixcontact.com.sg](mailto:marketing@phoenixcontact.com.sg)