High-current terminal block - UKH 50 BU - 3009105

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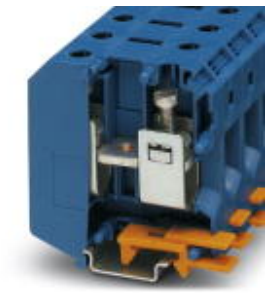

High-current terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 16 mm² - 70 mm², AWG: 6 - 2/0, Width: 20 mm, Height: 75.8 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32, NS 35/15-2,3

Product Features

- Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- Low contact resistance of the contact surface due to ribbing
- Screw locking by means of spring-loaded elements in the clamping part

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 091637
Weight per Piece (excluding packing)	121.7 g
Custom tariff number	85369010
Country of origin	India

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	50 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV

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Technical data

General

Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	150 A (with 50 mm² conductor cross section)
Nominal current I_N	150 A
Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Width	20 mm
Length	70.5 mm
Height	75.8 mm
Height NS 35/15	83.5 mm
Height NS 32	81 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	16 mm²
Conductor cross section solid max.	70 mm²
Conductor cross section AWG min.	6
Conductor cross section AWG max.	2/0
Conductor cross section flexible min.	25 mm²
Conductor cross section flexible max.	50 mm²
Min. AWG conductor cross section, flexible	3
Max. AWG conductor cross section, flexible	1/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm²
2 conductors with same cross section, solid min.	10 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	10 mm²
2 conductors with same cross section, stranded max.	16 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	10 mm²

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	16 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section AWG min.	6
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	25 mm²
Conductor cross section flexible max.	50 mm²
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GL / DNV / PRS / CCA / VDE Zeichengenehmigung / EAC / EAC / IECEE CB Scheme / cULus Recognized

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / cULus Recognized

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	6-1/0	6-1/0
Nominal current IN	150 A	150 A
Nominal voltage UN	600 V	600 V

UL Recognized

	B	C
mm²/AWG/kcmil	6-1/0	6-1/0
Nominal current IN	150 A	150 A
Nominal voltage UN	600 V	600 V

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Approvals

cUL Recognized

	B	C
mm²/AWG/kcmil	6-1/0	6-1/0
Nominal current IN	150 A	150 A
Nominal voltage UN	600 V	600 V

GL

DNV

PRS

CCA

mm²/AWG/kcmil	50
Nominal voltage UN	1000 V

VDE Zeichengenehmigung

Nominal current IN	150 A
Nominal voltage UN	1000 V

EAC

EAC

IECEE CB Scheme

Nominal voltage UN	1000 V

cULus Recognized

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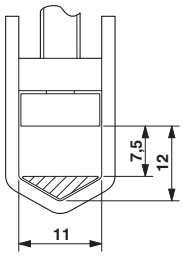
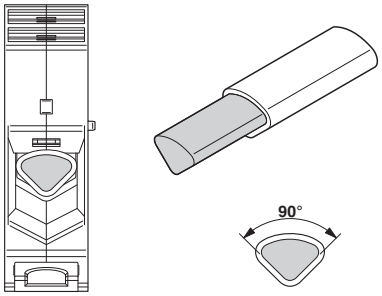
Drawings

Circuit diagram

Dimensional drawing



Schematic diagram



Connecting aluminum cables. Further notes can be found in the download area