



Automatización Eléctrica
Especialistas en Automatización

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High-current terminal block - UKH 150-3L/N/FE - 3076468

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High-current terminal block, Connection method: Screw connection, Number of positions: 5, Cross section: 35 mm² - 150 mm², AWG: 2 - 300 kcmil, Width: 155 mm, Height: 110.9 mm, Color: gray/blue/black-yellow, Mounting type: NS 35/15, NS 32

Why buy this product

- 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	2 STK
GTIN	 4 046356 654043

Technical data

General

Number of levels	1
Number of connections	10
Nominal cross section	150 mm ²
Color	gray/blue/black-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm ² conductor cross section)
Nominal current I _N	309 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	5

Dimensions

High-current terminal block - UKH 150-3L/N/FE - 3076468

Technical data

Dimensions

Width	155 mm
Length	100 mm
Height	110.9 mm
Height NS 35/15	118.5 mm
Height NS 32	116 mm

Connection data

Note	Screws with hexagonal socket
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.	35 mm ²
Conductor cross section solid max.	150 mm ²
Conductor cross section AWG min.	2
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible min.	50 mm ²
Conductor cross section flexible max.	150 mm ²
Min. AWG conductor cross section, flexible	1/0
Max. AWG conductor cross section, flexible	300 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	150 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	150 mm ²
Cross section with insertion bridge, solid max.	150 mm ²
Cross section with insertion bridge, stranded max.	120 mm ²
2 conductors with same cross section, solid min.	25 mm ²
2 conductors with same cross section, solid max.	50 mm ²
2 conductors with same cross section, stranded min.	35 mm ²
2 conductors with same cross section, stranded max.	50 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm ²
Cross section with insertion bridge, solid max.	150 mm ²
Cross section with insertion bridge, stranded max.	120 mm ²
Stripping length	40 mm
Screw thread	M10
Tightening torque, min	25 Nm
Tightening torque max	30 Nm

Standards and Regulations

Connection in acc. with standard	UL
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Standards and Regulations

	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 3.0	EC000897
ETIM 4.0	EC000901
ETIM 5.0	EC000897

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / EAC / EAC


Ex Approvals

Approvals submitted

Approval details

High-current terminal block - UKH 150-3L/N/FE - 3076468

Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	2-300	2-300
Nominal current I _N	285 A	285 A
Nominal voltage U _N	600 V	600 V

EAC

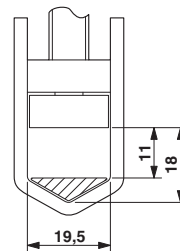
EAC

Drawings

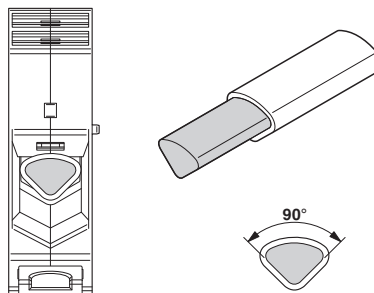
Circuit diagram



Dimensional drawing



Schematic diagram



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

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Product	Code	Reference	Product link
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