

High-current terminal block - UKH 150-3L - 3076345

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High-current terminal block, Connection method: Screw connection, Number of positions: 3, Cross section: 35 mm² - 150 mm², AWG: 2 - 300 kcmil, Width: 93 mm, Height: 110.9 mm, Color: gray, Mounting type: NS 35/15, NS 32

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
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Key commercial data

Packing unit	1 pc
Minimum order quantity	3 pc
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	6
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	309 A (with 150 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Technical data

General

Maximum load current	309 A (with 150 mm ² conductor cross section)
Nominal current I _N	309 A
Nominal voltage U _N	1000 V
Maximum load current	309 A (with 150 mm ² conductor cross section)
Open side panel	nein
Number of positions	3

Dimensions

Width	93 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 in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
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, stranded	1/0
Max. AWG conductor cross section, stranded	300 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm ²
Conductor cross section stranded, 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

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Connection data

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

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

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
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


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Approvals

Ex Approvals

Approvals submitted

Approval details

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

EAC

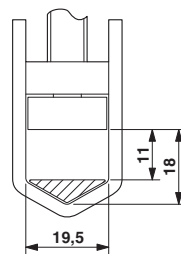
EAC

Drawings

Circuit diagram

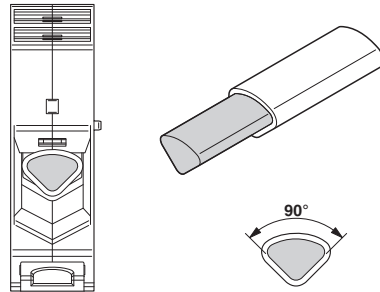


Dimensional drawing



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Schematic diagram



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

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