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Especialistas en Automatización

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## High-current terminal block - UKH 95-3L/FE-F - 3076578

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High-current terminal block, Connection method: Screw connection, Number of positions: 4, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 4 - 3/0, Width: 100 mm, Height: 90 mm, Color: gray/black-yellow, Mounting type: ct screw connection

for direct mounting

### 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 654159

### Technical data

#### General

Number of levels	1
Number of connections	8
Nominal cross section	95 mm <sup>2</sup>
Color	gray/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	232 A
Nominal current I <sub>N</sub>	232 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No
Number of positions	4

#### Dimensions

# High-current terminal block - UKH 95-3L/FE-F - 3076578

## Technical data

### Dimensions

Width	100 mm
Length	118.8 mm
Height	90 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.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible min.	35 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	2
Max. AWG conductor cross section, flexible	3/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
2 conductors with same cross section, solid min.	25 mm <sup>2</sup>
2 conductors with same cross section, solid max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	25 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
Stripping length	33 mm
Screw thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm

### Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-1

# High-current terminal block - UKH 95-3L/FE-F - 3076578

## Technical data

### Standards and Regulations

Flammability rating according to UL 94	V0
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## 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 / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals


#### Approvals submitted

#### Approval details

## High-current terminal block - UKH 95-3L/FE-F - 3076578

### Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	2-4/0	2-4/0
Nominal current I <sub>N</sub>	230 A	230 A
Nominal voltage U <sub>N</sub>	600 V	600 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	2-4/0	2-4/0
Nominal current I <sub>N</sub>	230 A	230 A
Nominal voltage U <sub>N</sub>	600 V	600 V

EAC
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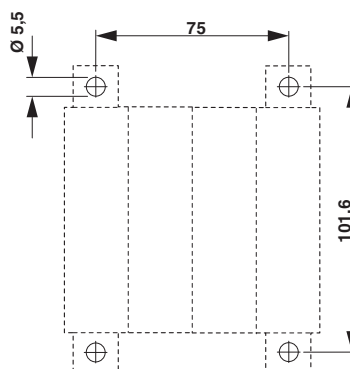
cULus Recognized 
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### Drawings

Circuit diagram

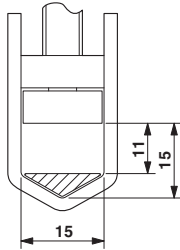


Dimensional drawing

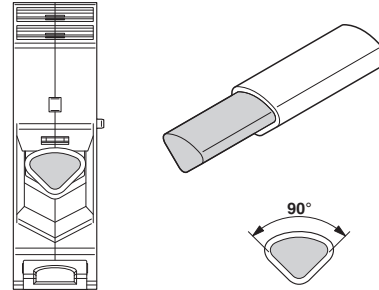


## High-current terminal block - UKH 95-3L/FE-F - 3076578

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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