



Automatización Eléctrica
Especialistas en Automatización

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High-current terminal block - UKH 70-3L/N/FE-F - 3076604

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High-current terminal block, Connection method: Screw connection, Number of positions: 5, Cross section: 16 mm² - 95 mm², AWG: 4 - 3/0, Width: 101.5 mm, Height: 80 mm, Color: gray/blue/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 654180

Technical data

General

Number of levels	1
Number of connections	10
Nominal cross section	70 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	192 A (in case of a 70 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I _N	192 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	5

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Technical data

Dimensions

Width	101.5 mm
Length	103.4 mm
Height	80 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 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible min.	25 mm ²
Conductor cross section flexible max.	70 mm ²
Min. AWG conductor cross section, flexible	3
Max. AWG conductor cross section, flexible	2/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	16 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	70 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	70 mm ²
2 conductors with same cross section, solid min.	16 mm ²
2 conductors with same cross section, solid max.	25 mm ²
2 conductors with same cross section, stranded min.	16 mm ²
2 conductors with same cross section, stranded max.	25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	25 mm ²
Stripping length	24 mm
Internal cylindrical gage	A11
Screw thread	M8
Tightening torque, min	8 Nm
Tightening torque max	10 Nm

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27141120
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Classifications

eCl@ss

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

EAC / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approvals submitted


Approval details

EAC

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Approvals

UL Recognized 		
	B	C
mm ² /AWG/kcmil	6-3/0	6-3/0
Nominal current I _N	192 A	192 A
Nominal voltage U _N	1000 V	1000 V

cUL Recognized 		
	B	C
mm ² /AWG/kcmil	6-3/0	6-3/0
Nominal current I _N	192 A	192 A
Nominal voltage U _N	1000 V	1000 V

EAC

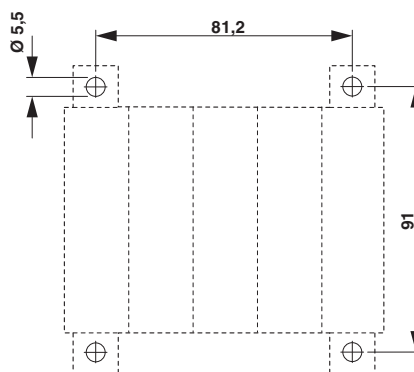
cULus Recognized 
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Drawings

Circuit diagram

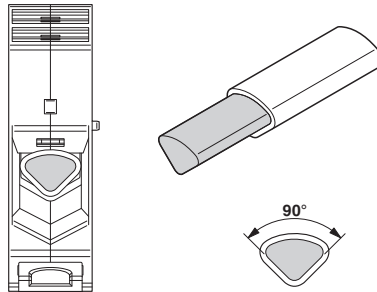


Dimensional drawing



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Schematic diagram



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

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Product	Code	Reference	Product link
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