

High-current terminal block - UKH 240-3L - 3076358

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



High-current terminal block, Connection method: Screw connection, Number of positions: 3, Cross section: 70 mm² - 240 mm², AWG: 2/0 - 500 kcmil, Width: 108 mm, Height: 123.6 mm, Color: gray, Mounting type: NS 35/15, NS 32

The figure shows UKH 150-3L

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	3 STK
GTIN	 4 046356 653732
Weight per Piece (excluding packing)	1462.0 g
Weight per piece (including packing)	1462.0 g
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of positions	3
Number of levels	1
Number of connections	6
Potentials	3
Nominal cross section	240 mm ²
Color	gray
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
Maximum load current	415 A (At 240 mm ² conductor cross section)

High-current terminal block - UKH 240-3L - 3076358

Technical data

General

Nominal current I_N	415 A
Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Width	108 mm
Length	100 mm
Height	123.6 mm
Height NS 35/15	131.5 mm
Height NS 32	129 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.	70 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section AWG min.	2/0
Conductor cross section AWG max.	500 kcmil
Conductor cross section flexible min.	70 mm ²
Conductor cross section flexible max.	240 mm ²
Min. AWG conductor cross section, flexible	2/0
Max. AWG conductor cross section, flexible	500 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	70 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	185 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	70 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	185 mm ²
Cross section with insertion bridge, solid max.	240 mm ²
Cross section with insertion bridge, stranded max.	185 mm ²
2 conductors with same cross section, solid min.	35 mm ²
2 conductors with same cross section, solid max.	95 mm ²
2 conductors with same cross section, stranded min.	50 mm ²
2 conductors with same cross section, stranded max.	95 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	35 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm ²
Cross section with insertion bridge, solid max.	240 mm ²
Cross section with insertion bridge, stranded max.	185 mm ²
Stripping length	40 mm
Internal cylindrical gage	B15

High-current terminal block - UKH 240-3L - 3076358

Technical data

Connection data

Screw thread	M10
Tightening torque, min	25 Nm
Tightening torque max	30 Nm

Standards and Regulations

Connection in acc. with standard	UL
	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	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

Ex Approvals

High-current terminal block - UKH 240-3L - 3076358

Approvals

Approvals submitted

Approval details

UL Recognized		
	B	C
mm ² /AWG/kcmil	2/0-500	2/0-500
Nominal current I _N	380 A	380 A
Nominal voltage U _N	600 V	600 V

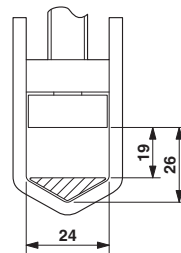
EAC

Drawings

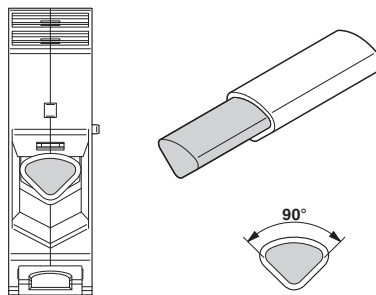
Circuit diagram



Dimensional drawing



Schematic diagram



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

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>