At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. HERE

High-current terminal block - UKH 240-3L-F - 3076510

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)

for direct mounting

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: 124 mm, Color: gray, Mounting type: ct screw connection

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	4 STK
GTIN	4 046356 654098

Technical data

General

Number of levels	1
Number of connections	6
Nominal cross section	240 mm²
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
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	415 A (At 240 mm² conductor cross section)
Nominal current I_N	415 A
Nominal voltage U_N	1000 V
Open side panel	No
Number of positions	3

Dimensions

High-current terminal block - UKH 240-3L-F - 3076510

Technical data

Dimensions

Width	108 mm
Length	136.1 mm
Height	124 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 mm²
Conductor cross section solid max.	240 mm²
Conductor cross section AWG min.	2/0
Conductor cross section AWG max.	500 kcmil
Conductor cross section flexible min.	70 mm²
Conductor cross section flexible max.	240 mm²
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	185 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	70 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	185 mm²
Cross section with insertion bridge, solid max.	240 mm²
Cross section with insertion bridge, stranded max.	185 mm²
2 conductors with same cross section, solid min.	35 mm²
2 conductors with same cross section, solid max.	95 mm²
2 conductors with same cross section, stranded min.	50 mm²
2 conductors with same cross section, stranded max.	95 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	35 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm²
Cross section with insertion bridge, solid max.	240 mm²
Cross section with insertion bridge, stranded max.	185 mm²
Stripping length	40 mm
Internal cylindrical gage	B15
Screw thread	M10
Tightening torque, min	25 Nm
Tightening torque max	30 Nm

Standards and Regulations

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

High-current terminal block - UKH 240-3L-F - 3076510

Technical data

Standards and Regulations

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

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

High-current terminal block - UKH 240-3L-F - 3076510

Approvals

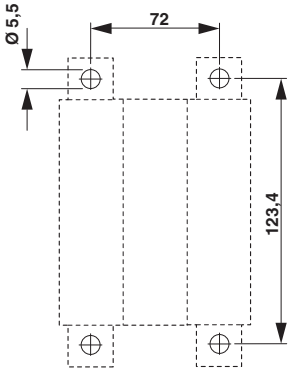
EAC

EAC

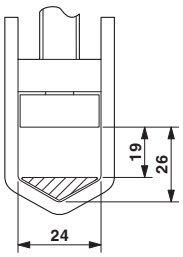
Drawings

Circuit diagram

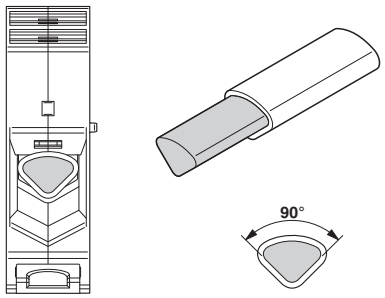
Dimensional drawing



Dimensional drawing



Schematic diagram



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

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

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, click on the green button.

Product	Code	Reference	Product link
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: 124 mm, Color: gray, Mounting type: ct screw connection	3076510	UKH 240-3L-F	Buy on EAN