High-current terminal block - UKH 95-3L/N - 3076374

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High-current terminal block, Connection method: Screw connection, Number of positions: 4, Cross section: 25 mm² - 95 mm², AWG: 3 - 3/0, Width: 100 mm, Height: 89.8 mm, Color: gray/blue, Mounting type: NS 35/15, NS 32

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 pc
Minimum order quantity	2 pc
GTIN	4 046356 653756
Weight per Piece (excluding packing)	870.0 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	8
Color	gray/blue
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	232 A (with 95 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	232 A
Nominal current I_N	232 A
Nominal voltage U_N	1000 V
Maximum load current	232 A
Open side panel	nein
Number of positions	4

Dimensions

Width	100 mm
Length	82.8 mm
Height	89.8 mm
Height NS 35/15	97.5 mm
Height NS 32	95 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.	25 mm²
Conductor cross section solid max.	95 mm²
Conductor cross section AWG/kcmil min.	3
Conductor cross section AWG/kcmil max	3/0
Conductor cross section stranded min.	35 mm²
Conductor cross section stranded max.	95 mm²
Min. AWG conductor cross section, stranded	2
Max. AWG conductor cross section, stranded	2/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	35 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	95 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	35 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	95 mm²
Cross section with insertion bridge, solid max.	95 mm²
Cross section with insertion bridge, stranded max.	70 mm²
2 conductors with same cross section, solid min.	25 mm²
2 conductors with same cross section, solid max.	35 mm²
2 conductors with same cross section, stranded min.	25 mm²
2 conductors with same cross section, stranded max.	35 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm²

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Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm²
Cross section with insertion bridge, solid max.	95 mm²
Cross section with insertion bridge, stranded max.	70 mm²
Stripping length	33 mm
Screw thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 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	EC001257
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

High-current terminal block - UKH 95-3L/N - 3076374

Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	2-4/0	2-4/0
Nominal current IN	230 A	230 A
Nominal voltage UN	600 V	600 V

cUL Recognized

	B	C
mm²/AWG/kcmil	2-4/0	2-4/0
Nominal current IN	230 A	230 A
Nominal voltage UN	600 V	600 V

EAC

cULus Recognized

Accessories

Accessories

End block

End clamp - E/AL-NS 32 - 1201659

End clamp, for end support of UKH 50 - UKH 240, is pushed onto DIN rail NS 32 and fixed with 2 screws, width: 10 mm, color: Aluminum

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Accessories

End clamp - E/AL-NS 35 - 1201662

End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

Insertion bridge

Insertion bridge - EB 3-25/UKH - 0201375

Insertion bridge, Length: 38.9 mm, Width: 68.3 mm, Number of positions: 3, Color: gray

Insertion bridge - EB 2-25/UKH - 0201362

Insertion bridge, Number of positions: 2, Color: gray

Labeled terminal marker

Warning label - WS-4K - 1004584

Adhesive warning plate, self-adhesive, black print: lightning flash with mixed verson - "Vorsicht Spannung - Attention Danger" size of label: 13 x 23.5 mm

Zack marker strip - ZB 22 CUS - 0824949

Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 22 mm, Lettering field: 10.5 x 21.8 mm

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Accessories

Marker for terminal blocks - ZB 22,LGS:L1-N,PE - 0811875

Marker for terminal blocks, Strip, white, labeled, Printed horizontally: L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 22 mm, Lettering field: 10.5 x 21.8 mm

Marker pen

Marker pen - X-PEN 0,35 - 0811228

Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Mounting material

Insertion profile - UKH 95 EP - 3009231

Insertion profile, Color: silver

Mounting rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002

G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015

G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714

DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602

DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135

DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756

DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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Accessories

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599

DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586

DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895

DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573

DIN rail end piece, for DIN rail NS 35/15

Pick-off terminal block

Pick-off terminal block - AGK 10-UKH 95 - 3003541

Pick-off terminal block, Connection method: Special and hybrid connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 10.2 mm, Height: 34.7 mm, Color: gray, Mounting type: On base element

Socket spanner

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Accessories

Tool - VDE-ISS 6 - 1201934

Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm, for all terminal blocks with 8 mm Allen screw

Terminal marking

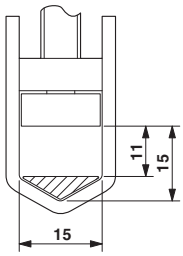
Zack marker strip - ZB 22:UNBEDRUCKT - 0811862

Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 22 mm, Lettering field: 10.5 x 21.8 mm

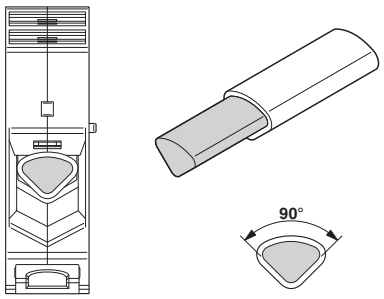
Drawings

Circuit diagram

Dimensioned drawing



Schematic diagram



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