

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



3076374

<https://www.phoenixcontact.com/us/products/3076374>

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High-current terminal block, nom. voltage: 1000 V, nominal current: 232 A, number of connections: 8, number of positions: 4, connection method: Screw connection, Rated cross section: 95 mm², cross section: 25 mm² - 95 mm², mounting type: NS 35/15, NS 32, color: gray/blue

Commercial data

Item number	3076374
Packing unit	2 pc
Minimum order quantity	1 pc
Product key	BE1311
GTIN	4046356653756
Weight per piece (including packing)	870 g
Weight per piece (excluding packing)	870 g
Country of origin	PL

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Technical data

Notes

General	Screws with hexagonal socket
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Product properties

Product type	High current terminal block
Number of positions	4
Number of connections	8
Number of rows	1
Potentials	4

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
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Connection data

Number of connections per level	8
Nominal cross section	95 mm ²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M8
Note	Screws with hexagonal socket
Tightening torque	15 ... 20 Nm
Stripping length	33 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	25 mm ² ... 95 mm ²
Cross section AWG	3 ... 3/0 (converted acc. to IEC)
Conductor cross-section flexible	35 mm ² ... 95 mm ²
Conductor cross-section, flexible [AWG]	2 ... 2/0 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	35 mm ² ... 95 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	35 mm ² ... 95 mm ²
Cross-section with insertion bridge, rigid	95 mm ²
Cross-section with insertion bridge, flexible	70 mm ²
2 conductors with same cross section, solid	25 mm ² ... 35 mm ²
2 conductors with same cross section, flexible	25 mm ² ... 35 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	16 mm ² ... 35 mm ²
Nominal current	232 A
Maximum load current	232 A
Nominal voltage	1000 V

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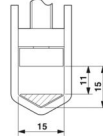


3076374

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Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Nominal cross section	95 mm ²

Dimensions

Dimensional drawing	
Width	100 mm
Height	89.8 mm

Material specifications

Color	gray/blue
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	No
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Standards and regulations

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

Mounting type	NS 35/15
	NS 32

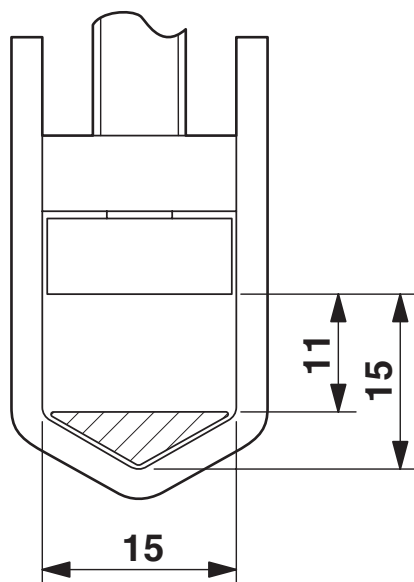
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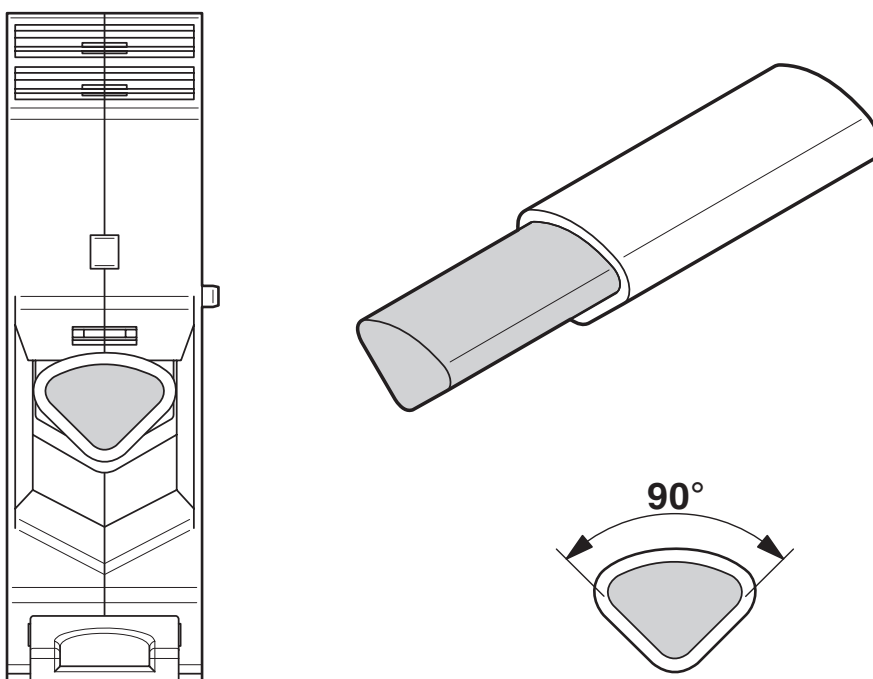
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Drawings

Dimensional drawing



Schematic diagram



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

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Circuit diagram



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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