

High Current Connectors - UKH 95 - 3010013

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High Current Connectors, Connection method: Screw connection, Cross section: 25 mm² - 95 mm², AWG: 4 - 3/0, Width: 25 mm, Height: 90 mm, Color: gray, 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	10 pc
GTIN	 4 017918 091835
Weight per Piece (excluding packing)	213.14 g
Custom tariff number	85369010
Country of origin	Poland
Product key	BE1311

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
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

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Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	232 A
Nominal voltage U_N	1000 V
Open side panel	nein

Dimensions

Width	25 mm
Length	83 mm
Height	90 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 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG/kcmil min.	4
Conductor cross section AWG/kcmil max.	3/0
Conductor cross section stranded min.	35 mm ²
Conductor cross section stranded max.	95 mm ²
Min. AWG conductor cross section, stranded	2
Max. AWG conductor cross section, stranded	3/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	35 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	95 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	95 mm ²
Cross section with insertion bridge, solid max.	95 mm ²
Cross section with insertion bridge, stranded max.	70 mm ²
2 conductors with same cross section, solid min.	25 mm ²
2 conductors with same cross section, solid max.	35 mm ²
2 conductors with same cross section, stranded min.	25 mm ²
2 conductors with same cross section, stranded max.	35 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.	35 mm ²
Cross section with insertion bridge, solid max.	95 mm ²

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Technical data

Connection data

Cross section with insertion bridge, stranded max.	70 mm ²
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
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
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

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / GL / DNV / RS / PRS / CCA / cULus Recognized

Ex Approvals

IECEX / ATEX / FM approved / UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Approvals submitted

Approval details

CSA		
	B	C
mm ² /AWG/kcmil	2	2
Nominal current I _N	200 A	200 A
Nominal voltage U _N	600 V	600 V

UL Recognized		
	B	C
mm ² /AWG/kcmil	2	2
Nominal current I _N	230 A	230 A
Nominal voltage U _N	600 V	600 V

KEMA-KEUR	
mm ² /AWG/kcmil	95
Nominal voltage U _N	1000 V

cUL Recognized		
	B	C
mm ² /AWG/kcmil	2	2
Nominal current I _N	230 A	230 A
Nominal voltage U _N	600 V	600 V

LR

GL

DNV

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Approvals

RS	
PRS	
CCA	
mm ² /AWG/kcmil	
95	
Nominal voltage UN	
1000 V	

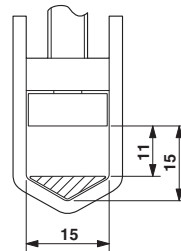
cULus Recognized

Drawings

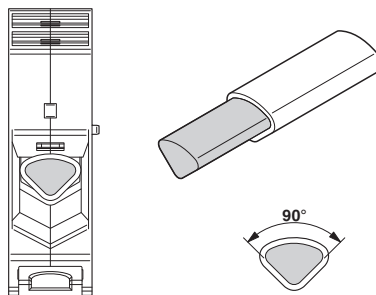
Circuit diagram



Dimensioned drawing



Schematic diagram



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