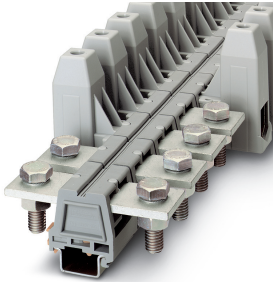


High Current Connectors - UHV150-KH/KH - 2130185

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Universal terminal block with screw connection, cross section: 50 - 150 mm², width: 46 mm, color: gray


The figure shows a combination of versions UHV 150-AS/AS, UHV 150-KH/AS and UHV 150-KH/KH

Your advantages

- ✓ The UHV ... high-current connectors are available in several versions
- ✓ Versions are available with a cable lug or direct connection and there is a mixed version of both connection methods
- ✓ The comprehensive range of accessories, such as the connection rail for cross connection, ensures safe and user-friendly wiring of conductors up to 240 mm²



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 052966
GTIN	4017918052966
Weight per Piece (excluding packing)	449.920 g
Custom tariff number	85369010
Country of origin	India

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	150 mm ²
Color	gray

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Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	II
Maximum power dissipation for nominal condition	9.55 W
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	309 A
Maximum load current	309 A (with 150 mm ² conductor cross section)
Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Length	128.5 mm
Width	46 mm
Height NS 35/15	100 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	35 mm ²
Conductor cross section solid max.	150 mm ²
Conductor cross section flexible min.	50 mm ²
Conductor cross section flexible max.	150 mm ²
Conductor cross section AWG min.	2
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	150 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	150 mm ²
2 conductors with same cross section, solid min.	25 mm ²
2 conductors with same cross section, solid max.	50 mm ²
2 conductors with same cross section, stranded min.	35 mm ²
2 conductors with same cross section, stranded max.	50 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	25 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	50 mm ²
Stripping length	34 mm

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Technical data

Connection data

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

Ambient conditions

Operating temperature	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V2

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

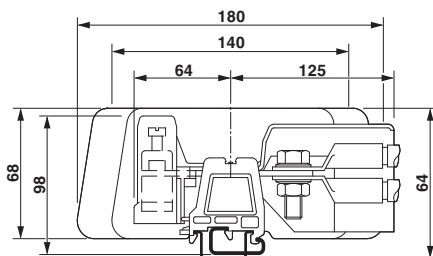
Pictogram



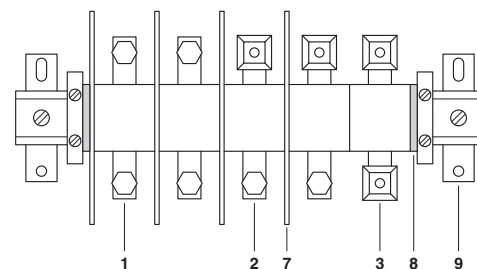
Circuit diagram



Dimensional drawing



Schematic diagram

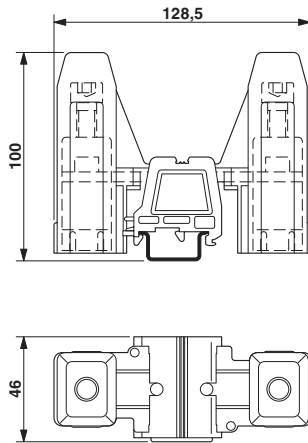


1 = high current connector, AS screw set on both sides
 2 = high current connector, terminal sleeve KH on one side, screw set AS on the other side

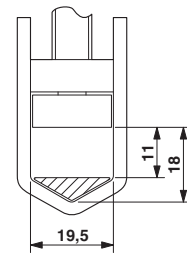
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3 = high current connector, terminal sleeves KH on both sides, for direct cable connection
 7 = separating plate
 8 = end piece
 9 = flat bracket

Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 11.0	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 6.0	EC000897
ETIM 7.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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Classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals


Approvals


Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	275 A	275 A	
mm ² /AWG/kcmil	2-300	2-300	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	285 A	285 A	
mm ² /AWG/kcmil	2-300	2-300	

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Approvals

EAC



RU C-
DE.BL08.B.00540