

High Current Connectors - UHV150-M12/M12 - 2130237

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

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

Why buy this product

- ✓ 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
- ✓ Versions are available with a cable lug or direct connection and there is a mixed version of both connection methods
- ✓ The UHV ... high-current connectors are available in several versions

Key commercial data

Packing unit	10 pc
GTIN	 4 017918 053017
Weight per Piece (excluding packing)	295.76 g
Custom tariff number	85369010
Country of origin	India

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA-F
Inflammability class according to UL 94	HB
Maximum load current	309 A (with 150 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

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Technical data

General

Insulating material group	II
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm ² conductor cross section)
Nominal current I _N	309 A
Nominal voltage U _N	1000 V
Maximum load current	309 A (with 150 mm ² conductor cross section)
Open side panel	nein

Dimensions

Width	46 mm
Length	110 mm
Height NS 35/15	56 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Bolt connection
Conductor cross section solid min.	35 mm ²
Conductor cross section solid max.	150 mm ²
Conductor cross section AWG/kcmil min.	2
Conductor cross section AWG/kcmil max.	300 kcmil
Conductor cross section stranded min.	50 mm ²
Conductor cross section stranded max.	150 mm ²
Min. AWG conductor cross section, stranded	1/0
Max. AWG conductor cross section, stranded	300 kcmil
Conductor cross section stranded, with ferrule without plastic sleeve min.	50 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	150 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	50 mm ²
Conductor cross section stranded, 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
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm ²
Cable lug connection according to standard	DIN 46,235
Min. cross section for cable lug connection	25 mm ²
Max. cross section for cable lug connection	150 mm ²
Cable lug connection according to standard	DIN 46 234
Min. cross section	10 mm ²

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Connection data

Max. cross section	150 mm ²
Stripping length	34 mm
Tightening torque, min	25 Nm
Tightening torque max	30 Nm
Power rail	35 mm x 5 mm

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 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

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CSA / UL Recognized / EAC

Ex Approvals

Approvals submitted