

High Current Connectors - UHV240-KH/M16 - 2130347

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Universal terminal block with bolt connection, cross section: 70 - 240 mm², width: 53 mm, color: gray

The illustration shows a combination of versions UHV 240-AS/AS, UHV 240-KH/AS and UHV 240-KH/KH

Product Features

- ✓ 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	1 1
GTIN	 4 017918 053123
Weight per Piece (excluding packing)	519.64 GRM
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	415 A (At 240 mm ² conductor cross section)

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Technical data

General

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	II
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	415 A
Nominal voltage U_N	1000 V
Open side panel	nein

Dimensions

Width	53 mm
Length	125 mm
Height NS 35/15	58 mm

Connection data

Conductor cross section solid min.	70 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section AWG/kcmil min.	2/0
Conductor cross section AWG/kcmil max.	500 kcmil
Conductor cross section stranded min.	70 mm ²
Conductor cross section stranded max.	240 mm ²
Min. AWG conductor cross section, stranded	2/0
Max. AWG conductor cross section, stranded	500 kcmil
Conductor cross section stranded, with ferrule without plastic sleeve min.	70 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	180 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	70 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	185 mm ²
2 conductors with same cross section, solid min.	35 mm ²
2 conductors with same cross section, solid max.	95 mm ²
2 conductors with same cross section, stranded min.	50 mm ²
2 conductors with same cross section, stranded max.	95 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	35 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	50 mm ²
Min. cross section for cable lug connection	50 mm ²
Max. cross section for cable lug connection	185 mm ²
Connection method	Bolt connection
Stripping length	34 mm

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Technical data

Connection data

Tightening torque, min	25 Nm
Tightening torque max	30 Nm
Power rail	40 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
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

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CSA / UL Recognized / GOST / GOST

Ex Approvals
