

High Current Connectors - UHV240-KH/AS - 2130143

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Universal terminal block with mixed 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

Why buy this product

- ✓ 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	5 pc
GTIN	 4 017918 052928
Weight per Piece (excluding packing)	549.35 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	V2
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	II

High Current Connectors - UHV240-KH/AS - 2130143

Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Current	415 A
Additional text	At 240 mm ² conductor cross section
Nominal current I _N	415 A
Nominal voltage U _N	1000 V
Open side panel	nein

Dimensions

Length	126.5 mm
Width	53 mm
Height NS 35/15	105.5 mm

Connection data

Conductor cross section solid min.	70 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section stranded min.	70 mm ²
Conductor cross section stranded max.	240 mm ²
Conductor cross section AWG/kcmil min.	2/0
Conductor cross section AWG/kcmil max	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
Stripping length	34 mm
Screw thread	M10
Tightening torque, min	25 Nm
Tightening torque max	30 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46,235
Min. cross section	50 mm ²
Max. cross section	185 mm ²
Hole diameter	17 mm
Bolt diameter	16 mm

High Current Connectors - UHV240-KH/AS - 2130143

Technical data

Connection data

Bolt thread	M16
Tightening torque, min	30 Nm
Tightening torque max	35 Nm
Connection in acc. with standard	DIN 46 234
Min. cross section	25 mm ²
Max. cross section	240 mm ²
Hole diameter	17 mm
Bolt diameter	16 mm
Bolt thread	M16
Tightening torque, min	30 Nm
Tightening torque max	35 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

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
