

Feed-through terminal block - HDFKV 16-VP GNYE - 0709903

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The illustration shows version
HDFKV 16-VP in gray

Feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 6, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: green-yellow

Product description

Feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 6, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: green-yellow

Key commercial data

Packing unit	0
Minimum order quantity	50
GTIN	 4 017918 155209
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	29.02 GRM
Country of origin	GERMANY

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	12.1 mm
Length	63.6 mm

Technical data

Maximum load current	101 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1

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Nominal current I _N	76 A
Nominal voltage U _N	500 V

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Connection method	Screw connection
Stripping length	16 mm
Internal cylindrical gage	B 7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm

Classifications

eclass

eClass 4.0	27141131
eClass 4.1	27141131
eClass 5.0	27141134
eClass 5.1	27141134
eClass 6.0	27141134

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Classifications

etim

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283

unspsc

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Certificates

Certification

UL Recognized / KEMA-KEUR / cUL Recognized / IECCEB Scheme / cULus Recognized

Certification EX

Certification submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	20-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

KEMA-KEUR	
mm ² /AWG/kcmil	16
Nominal current I _N	76 A
Nominal voltage U _N	500 V

cUL Recognized	
mm ² /AWG/kcmil	20-4

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IECEE CB Scheme	
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cULus Recognized

Accessories

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Marking

Zack marker strip - ZB10:SO/CMS - 1050525



Zack marker strip, white, For terminal block width: 10 mm