

Panel feed-through terminal block - HDFKV 16 BK - 0717694

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The illustration shows the gray version

Panel feed-through terminal block, Connection method: Screw connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: black

Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	41.44 GRM
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	101 A (with 25 mm ² conductor cross section)
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
Nominal current I _N	76 A
Nominal voltage U _N	500 V
Open side panel	nein
Number of positions	1

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Technical data

Dimensions

Width	12.1 mm
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Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
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
Stripping length	16 mm
Internal cylindrical gage	B 7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131

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Classifications

eCl@ss

eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

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


Ex Approvals


Approvals submitted


Approval details

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Approvals

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
Nominal current I _N	85 A
Nominal voltage U _N	600 V

PRS


IECEE CB Scheme 	
mm ² /AWG/kcmil	16
Nominal current I _N	76 A
Nominal voltage U _N	500 V

GOST 	
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Approvals

GOST 

cULus Recognized 

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