

Panel feed-through terminal block - HDFKV 50/Z - 0714095

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Connection direction of the conductor to plug-in direction: 90 °, Width: 18.8 mm, Color: gray

Why buy this product

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Touch-proof insulating housing in a new design
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Spacer plates increase air and creepage distances
- Universal screw connection with screw locking



Key commercial data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 180191
Weight per Piece (excluding packing)	133.28 g
Custom tariff number	85369010
Country of origin	Greece
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	150 A
Rated surge voltage	8 kV
Pollution degree	3

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Technical data

General

Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	150 A
Nominal voltage U_N	690 V
Open side panel	nein
Number of positions	1

Dimensions

Width	18.8 mm
Length	90 mm
Plate thickness	1 mm ... 6 mm

Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section stranded min.	16 mm ²
Conductor cross section stranded max.	50 mm ²
Conductor cross section AWG/kcmil min.	6
Conductor cross section AWG/kcmil max.	1/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	10 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm ²
2 conductors with same cross section, solid min.	6 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	10 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6

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Connection data

Tightening torque, min	6 Nm
Tightening torque max	8 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
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

Approvals

CSA / UL Recognized / PRS / EAC

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA			
		B	C
mm ² /AWG/kcmil	6	6-1/0	6-1/0
Nominal current I _N	125 A	125 A	125 A
Nominal voltage U _N	600 V	600 V	600 V

UL Recognized		
	B	C
mm ² /AWG/kcmil	6-2/0	6-2/0
Nominal current I _N	170 A	170 A
Nominal voltage U _N	600 V	600 V

PRS

EAC

Drawings

