

## Panel feed-through terminal block - HDFKV 50-VP GNYE - 0708797

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://download.phoenixcontact.com>)



The illustration shows version HDFKV 50-VP in gray

Panel feed-through terminal block, Connection method: Screw connection, Screw connection, Load current : 150 A, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG 6 - 1/0, Width: 18.8 mm, Color: green-yellow

### Key commercial data

Packing unit	1 1
Minimum order quantity	10 1
GTIN	 4 017918 004767
Weight per Piece (excluding packing)	99.04 GRM
Custom tariff number	85369010
Country of origin	Greece

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	150 A
Nominal voltage U <sub>N</sub>	690 V
Number of positions	1

# Panel feed-through terminal block - HDFKV 50-VP GNYE - 0708797

## Technical data

### Dimensions

Width	18.8 mm
-------	---------

### Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	16 mm <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section stranded min.	16 mm <sup>2</sup>
Conductor cross section stranded max.	50 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	50 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm <sup>2</sup>
2 conductors with same cross section, solid min.	6 mm <sup>2</sup>
2 conductors with same cross section, solid max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm
Connection side	Level 1 int. 1
Connection method	Screw connection
Screw thread	M8
Tightening torque, min	12 Nm

# Panel feed-through terminal block - HDFKV 50-VP GNYE - 0708797

## Technical data

### Connection data

Tightening torque max	15 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 / KEMA-KEUR / GOST / IECB Scheme

---

#### Ex Approvals

---

#### Approvals submitted

# Panel feed-through terminal block - HDFKV 50-VP GNYE - 0708797

## Approvals

### Approval details

CSA		
	B	C
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current IN	125 A	125 A
Nominal voltage UN	600 V	600 V

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	6	6
Nominal current IN	150 A	150 A
Nominal voltage UN	600 V	600 V

KEMA-KEUR		
mm <sup>2</sup> /AWG/kcmil	50	
Nominal current IN	150 A	
Nominal voltage UN	690 V	

GOST		
------	--	--

IECEE CB Scheme		
mm <sup>2</sup> /AWG/kcmil	50	
Nominal current IN	150 A	
Nominal voltage UN	690 V	

