

## Panel feed-through terminal block - HDFKV 95/Z - 0714105

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 232 A, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG 4 - 3/0, Connection direction of the conductor to plug-in direction: 90 °, Width: 25 mm, Color: gray

### Product Features

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Spacer plates increase clearances and creepage distances
- Universal screw connection with screw locking
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### Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Custom tariff number	85369010
Country of origin	Greece

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Inflammability class according to UL 94	V0
Maximum load current	232 A
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

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## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	232 A
Nominal voltage $U_N$	1000 V (With metal panels of 1 mm ... 2.5 mm)
	800 V (With metal panels over 2.5 mm ... 5 mm)
	690 V (With metal panels over 5 mm ... 6 mm)
Open side panel	nein
Number of positions	1

### Dimensions

Width	25 mm
Length	103.7 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.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section flexible min.	35 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	4
Conductor cross section AWG/kcmil max	3/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
2 conductors with same cross section, solid min.	16 mm <sup>2</sup>
2 conductors with same cross section, solid max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm <sup>2</sup>
Stripping length	27 mm
Internal cylindrical gage	B12
Screw thread	M8
Tightening torque, min	15 Nm

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## Technical data

### Connection data

Tightening torque max	20 Nm
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## 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

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#### Approvals

CSA / UL Recognized / PRS / EAC

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#### Ex Approvals

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Approvals submitted

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## Approvals

### Approval details

CSA			
		B	C
mm <sup>2</sup> /AWG/kcmil	2	2-4/0	2-4/0
Nominal current I <sub>N</sub>	200 A	200 A	200 A
Nominal voltage U <sub>N</sub>	600 V	600 V	600 V

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	4-4/0	4-4/0
Nominal current I <sub>N</sub>	230 A	230 A
Nominal voltage U <sub>N</sub>	600 V	600 V

PRS

EAC

## Drawings

Dimensional drawing

