Panel feed-through terminal block - HDFKV 25-VP - 0708962

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The figure shows a 7-position version

Panel feed-through terminal block, connection method: Screw connection, Bolt connection, number of positions: 1, load current: 125 A, cross section: 6 mm² - 35 mm², AWG 10 - 2, connection direction of the conductor to plug-in direction: 90 °, width: 15.1 mm, color: gray

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Tool-free snap-in principle enables easy mounting on the device panel
- Automatic panel thickness compensation enables universal use
- Reliable seal even with low-viscosity molding compounds

Key Commercial Data

Packing unit	25 pc
GTIN	4 017918 004828
GTIN	4017918004828

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	25 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	125 A
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	101 A
Maximum load current	125 A
Nominal voltage U_N	500 V
Open side panel	No
Number of positions	1

Dimensions

Width	15.1 mm
Length	74 mm
Pitch	15.1 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.	6 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section flexible min.	10 mm²
Conductor cross section flexible max.	25 mm²
Conductor cross section AWG min.	10
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	25 mm²
2 conductors with same cross section, solid min.	2.5 mm²
2 conductors with same cross section, solid max.	10 mm²
2 conductors with same cross section, stranded min.	4 mm²
2 conductors with same cross section, stranded max.	10 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²
Stripping length	19 mm
Internal cylindrical gage	B8

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Connection data

Screw thread	M5
Tightening torque, min	4 Nm
Tightening torque max	4.5 Nm
Connection side	Level 1 int. 1
Connection method	Bolt connection
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

Standards and Regulations

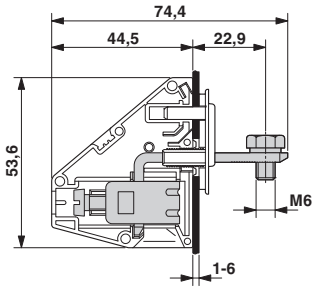
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

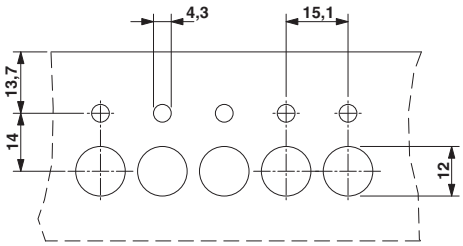
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

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CSA / UL Recognized / EAC

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	100 A	100 A
mm²/AWG/kcmil	8-4	8-4

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19890329

	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	115 A	115 A
mm²/AWG/kcmil	8-2	8-2

EAC		B.01742

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