

Panel feed-through terminal block - HDFK 16-VP - 0709796

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Panel feed-through terminal block, connection method: Screw connection, Cable lug connection, number of positions: 1, load current: 101 A, cross section: 0.5 mm² - 25 mm², AWG 20 - 4, connection direction of the conductor to plug-in direction: 0 °, width: 12.1 mm, color: gray


The figure shows a 7-position version

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	50 pc
GTIN	 4 017918 153465
GTIN	4017918153465

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage 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	76 A
Maximum load current	101 A
Nominal voltage U_N	500 V
Open side panel	No
Number of positions	1

Dimensions

Width	12.1 mm
Length	58 mm
Pitch	12.1 mm

Connection data

Note	Terminal sleeve
Connection side	outside
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, 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	B7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm

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Technical data

Connection data

Connection side	inside
Connection method	Cable lug connection
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

Standards and Regulations

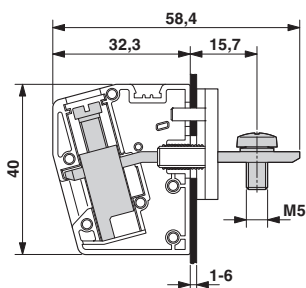
Connection in acc. with standard	CUL
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

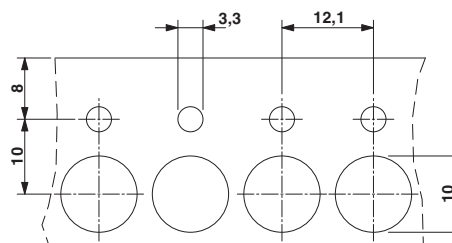
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals


KEMA-KEUR / IECCE CB Scheme / EAC / cULus Recognized


Ex Approvals

Approval details


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Approvals

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
Nominal voltage UN		500 V	
Nominal current IN		76 A	
mm ² /AWG/kcmil		16	

IECEE CB Scheme		http://www.iecee.org/	NL-29947
Nominal voltage UN		500 V	
Nominal current IN		76 A	
mm ² /AWG/kcmil		16	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	85 A	85 A	
mm ² /AWG/kcmil	20-4	20-4	

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