Panel feed-through terminal block - HDFKV 10-TWIN - 0709550

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Panel feed-through terminal block, connection method: Screw connection, Screw connection, number of positions: 1, load current: 76 A, cross section: 0.5 mm² - 16 mm², AWG 20 - 6, connection direction of the conductor to plug-in direction: 90 °, width: 10.1 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
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Universal screw connection with screw locking
- Ideal for looping through power supply cables

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 005030
GTIN	4017918005030

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	76 A
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	57 A
Maximum load current	76 A
Nominal voltage U_N	400 V (With metal panels of 1 mm ... 2.5 mm)
	250 V (With metal panels over 2.5 mm ... 4 mm)
	500 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	No
Number of positions	1

Dimensions

Width	10.1 mm
Pitch	10.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
Stripping length	11 mm

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Connection data

Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Connection side	inside
Connection method	Screw connection

Standards and Regulations

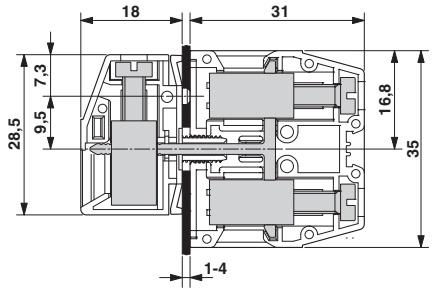
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

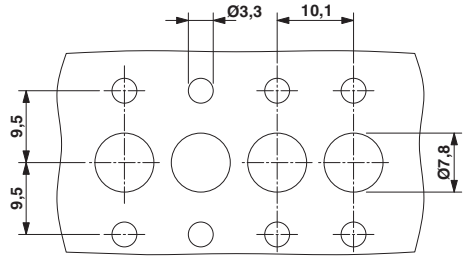
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

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CSA / cULus Recognized / EAC

Ex Approvals

Approval details

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Approvals

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

	D	B
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	65 A
mm²/AWG/kcmil	22-6	22-6

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19870911

	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	65 A	65 A
mm²/AWG/kcmil	24-6	24-6	24-6

EAC  B.01742

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com