

Panel feed-through terminal block - HDFKV 10-TWIN-HV - 0717241

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 70 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

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 904487
GTIN	4017918904487
Weight per Piece (excluding packing)	32.400 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	3
Nominal cross section	10 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	70 A
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III

Panel feed-through terminal block - HDFKV 10-TWIN-HV - 0717241

Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	57 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Maximum load current	70 A
Nominal voltage U_N	500 V
Number of positions	1

Dimensions

Width	10.1 mm
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Connection data

Connection side	Level 1 int. 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 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.	10 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 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.	2.5 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
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
Stripping length	10 mm
Internal cylindrical gage	B6

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Technical data

Connection data

Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Standards and Regulations

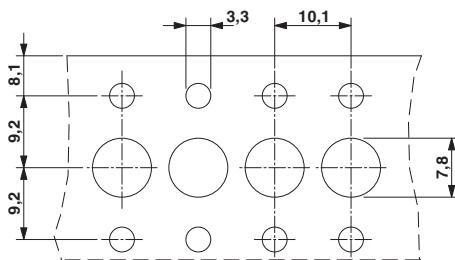
Connection in acc. with standard	CUL
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

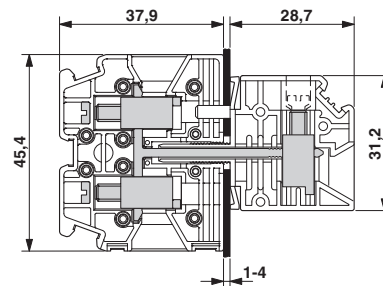
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Dimensional drawing



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
eCl@ss 9.0	27141134

ETIM

ETIM 2.0	EC001283
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Classifications

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283
ETIM 6.0	EC001283

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals


Approvals

PRS / cULus Recognized / EAC

Ex Approvals

Approval details

PRS		http://www.prs.pl/	TE/1825/880590/09
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
	B	C	
mm ² /AWG/kcmil	24-6	24-6	
Nominal current I _N	65 A	65 A	
Nominal voltage U _N	600 V	600 V	

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Approvals

EAC		B.01742
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Accessories

Accessories

Insertion bridge

Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Pitch: 10 mm, Number of positions: 2, Color: gray

Insertion bridge - EB 3-10 - 0203328



Insertion bridge, Pitch: 10 mm, Number of positions: 3, Color: gray

Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Pitch: 10 mm, Number of positions: 10, Color: gray

Labeled terminal marker

Marker for terminal blocks - UC-TM 8 CUS - 0824597



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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Accessories

Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, THERMOMARK CARD, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm