

Feed-through terminal block - HDFKV 10-TWIN-HV - 0717241

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Feed-through terminal block, Connection method: Screw connection, Load current : 70 A, Cross section: 0.5 mm² - 16 mm², AWG 20 - 8, Connection direction of the conductor to plug-in direction: 90 °, Width: 10.1 mm, Color: gray

Product description

Feed-through terminal block, Connection method: Screw connection, Load current : 70 A, Cross section: 0.5 mm² - 16 mm², AWG 20 - 8, Connection direction of the conductor to plug-in direction: 90 °, Width: 10.1 mm, Color: gray



Key commercial data

Packing unit	0
Minimum order quantity	50
Catalog page	Page 641 (CC-2009)
GTIN	 4 017918 904487
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	31.88 GRM
Country of origin	GREECE

Technical data

General

Number of levels	1
Number of connections	3
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	10.1 mm
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Technical data

Maximum load current	70 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III

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Technical data

Technical data

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)
Nominal voltage U _N	500 V

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, 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
Connection method	Screw connection
Stripping length	10 mm
Internal cylindrical gage	B 6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Classifications

eclass

eClass 4.0	27141131
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Classifications

eclass

eClass 4.1	27141131
eClass 5.0	27141134
eClass 5.1	27141134
eClass 6.0	27141134

etim

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283

unspsc

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

Approvals

Certificates

Certification

UL Recognized / cUL Recognized / GOST / PRS / GOST / cULus Recognized

Certification EX

Certification submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	24-6
Nominal current I _N	65 A
Nominal voltage U _N	600 V

cUL Recognized	
mm ² /AWG/kcmil	24-6
Nominal current I _N	65 A

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Approvals

Nominal voltage UN	600 V
GOST	
PRS	
GOST	
cULus Recognized	

Accessories

Accessories

Bridges

Insertion bridge - EB 2-10 - 0203153

Insertion bridge, Number of positions: 2, Color: gray



Insertion bridge - EB 3-10 - 0203328

Insertion bridge, Number of positions: 3, Color: gray



Insertion bridge - EB 10-10 - 0203137

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



Marking

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Accessories

Zack marker strip - ZB10,LGS:1-9 - 1053124



Zack marker strip, Strip, white, Labeled, Printed horizontally: Consecutive numbers 1 - 9, Mounting type: Snap into tall marker strip.

Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014



Zack marker strip, Strip, white, Labeled, Can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20.

Zack marker strip - ZB10,LGS:GLEICHE ZAHLEN - 1053030



Zack marker strip, Strip, white, Labeled, Can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 20.

Zack marker strip - ZB10,LGS:L1-N,PE - 1053412



Zack marker strip, 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 strip.

Zack marker strip - ZB10,LGS:U-N - 1053438



Zack marker strip, Strip, white, Labeled, Can be labeled with: Plotter, Horizontal: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker strip.

Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027



Zack marker strip, Strip, white, Labeled, Can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20.

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Accessories

Zack marker strip - ZB10,QR:GLEICHE ZAHLEN - 1053043



Zack marker strip, white, Printed vertically: Identical numbers 1 or 2, etc. up to 100, For terminal block width: 10.2 mm

Zack marker strip - ZB10/BU-100:UNBEDRUCKT - 5062535



Zack marker strip, blue, Unlabeled, For terminal block width: 10 mm

Zack marker strip - ZB10/GN-100:UNBEDRUCKT - 5062548



Zack marker strip, green, Unlabeled, For terminal block width: 10 mm

Zack marker strip - ZB10/WH-100:UNBEDRUCKT - 5060883



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For ter

Zack marker strip - ZB10/YE-100:UNBEDRUCKT - 5062564



Zack marker strip, Strip, yellow, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For ter

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Accessories

Zack marker strip - ZB10:SO/CMS - 1050525



Zack marker strip, white, For terminal block width: 10 mm

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For term

Tools

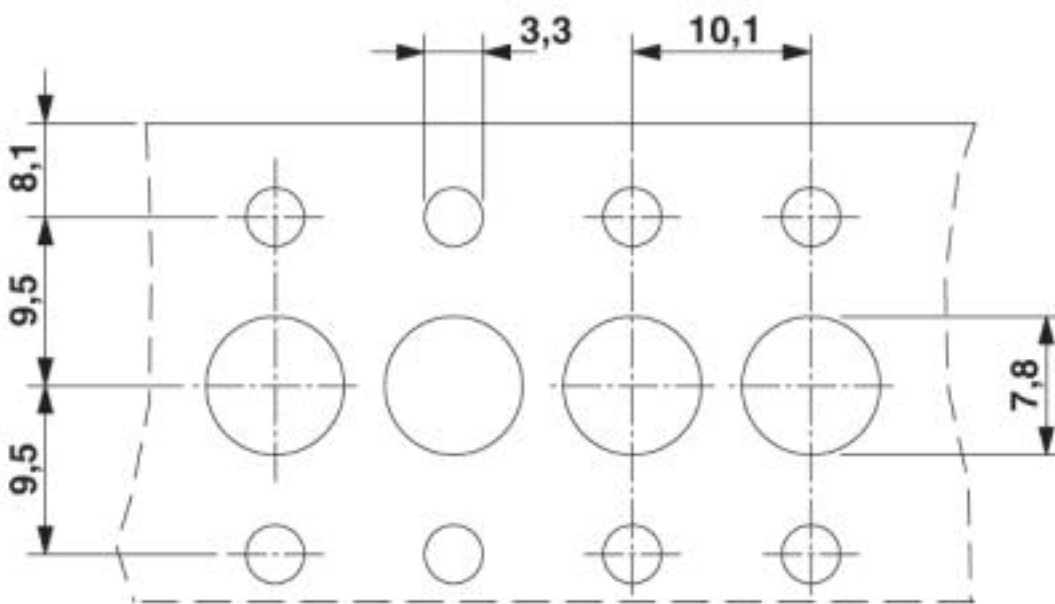
Screwdriver - SZS 1,0X4,0 VDE - 1205066



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

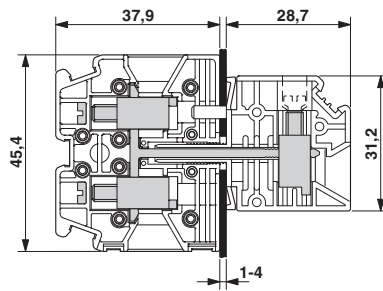
Drawings

Dimensioned drawing



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Dimensioned drawing



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