

# Feed-through terminal block - HDFKV 10-TWIN - 0709550

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Feed-through terminal block, Connection method: Screw connection, Load current : 76 A, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, 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 : 76 A, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 20 - 8, 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	1
Minimum order quantity	1
Catalog page	Page 677 (CC-2011)
GTIN	 4 017918 005030
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	29.07 GRM
Country of origin	GREECE

## Technical data

### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

### Dimensions

Width	10.1 mm
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# Feed-through terminal block - HDFKV 10-TWIN - 0709550

## Technical data

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Maximum load current	76 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	400 V (With metal panels of 1 mm ... 2.5 mm)
Nominal voltage U <sub>N</sub>	250 V (With metal panels over 2.5 mm ... 4 mm)
Nominal voltage U <sub>N</sub>	500 V (With plastic panels of 1 mm ... 4 mm)

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	10 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	10 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B 6
Screw thread	M4
Tightening torque, min	1.5 Nm

# Feed-through terminal block - HDFKV 10-TWIN - 0709550

## Technical data

### Connection data

Tightening torque max	1.8 Nm
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## Classifications

### eclass

eClass 4.0	27141131
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

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

#### Certification EX

#### Certification submitted

## Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	22-6
Nominal current I <sub>N</sub>	65 A

# Feed-through terminal block - HDFKV 10-TWIN - 0709550

## Approvals

Nominal voltage UN	300 V
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UL Recognized		
	C	D
mm <sup>2</sup> /AWG/kcmil	24-6	24-6
Nominal current I <sub>N</sub>	65 A	10 A
Nominal voltage UN	600 V	300 V

cUL Recognized		
	C	D
mm <sup>2</sup> /AWG/kcmil	24-6	24-6
Nominal current I <sub>N</sub>	65 A	10 A
Nominal voltage UN	600 V	300 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



# Feed-through terminal block - HDFKV 10-TWIN - 0709550

## Accessories

Insertion bridge - EB 10-10 - 0203137

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



## Marking

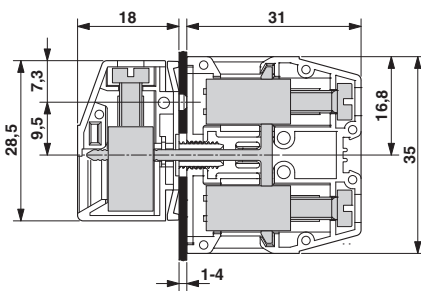
Zack marker strip - ZB 8:SO/CMS - 1050512

Zack marker strip, white, For terminal block width: 8 mm

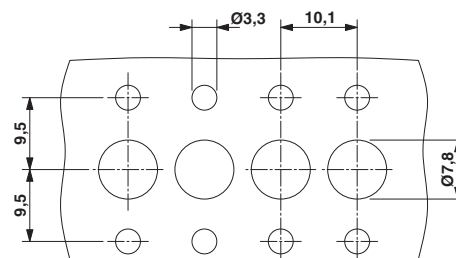


## Drawings

Dimensioned drawing



Dimensioned drawing



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