

**HDFK 10**


for horizontal conductor connection  
Terminal width 10.1

(IEC)	rigid	flexible		I	U
[mm <sup>2</sup> ]	solid	stranded	AWG	[A]	[V]
Connection data	0.5-16	0.5-10	20-6	76	*
Metal walls from 1 to 2.5 mm					400
Metal walls from 2.5 to 4 mm					250
Plastic walls from 1 to 4 mm					500



Description	Color	Type	Order No.	Pcs. Pkt.
<b>Panel feed-through terminal block,</b> for 1 - 4 mm thick housing walls, with internal and external screw connection	gray	<b>HDFK 10</b>	<b>07 07 07 3</b>	50
	green-yellow	<b>HDFK 10 GNYE</b>	<b>07 07 87 9</b>	50
<b>Potting panel feed-through terminal block,</b> for 1 - 4 mm thick housing walls, with solder connection and potting plate inside	gray	<b>HDFK 10-VP</b>	<b>07 09 11 0</b>	50

**Accessories**

(1) <b>Insertion bridge<sup>1)</sup></b> ,	2-pos., fully insulated,		<b>EBS 2-10</b>	$I_{max.}$ : 70 A	<b>02 03 15 3</b>	100
	3-pos., fully insulated		<b>EBS 3-10</b>	70 A	<b>02 03 32 8</b>	10
	10-pos., divisible, insulated spine		<b>EBS 10-10</b>	70 A	<b>02 03 13 7</b>	10
(2) <b>Zack strip</b> , 10-section,		white	<b>ZB 10</b> (see <a href="#">info</a> )			
(3) <b>Screwdriver</b>			<b>SZS 1,0 x 4,0</b>		<b>12 05 05 3</b>	10

**Technical data****Dimensions**

see drawing

**Technical data in accordance with IEC/VDE**

Max. cross section with insertion bridge (solid / stranded)	[mm <sup>2</sup> ]	16 / 10
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I

**Connection capacity**

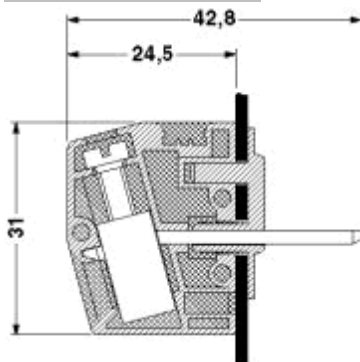
stranded with ferrule without / with plastic sleeve	[mm <sup>2</sup> ]	0.5 - 10 / 0.5 - 10
<b>Multi-conductor connection (2 conductors with same cross section)</b>		
solid / stranded	[mm <sup>2</sup> ]	0.5 - 4 / 0.5 - 4
stranded with ferrule without plastic sleeve	[mm <sup>2</sup> ]	0.5 - 2.5
stranded with TWIN ferrule with plastic sleeve	[mm <sup>2</sup> ]	0.5 - 6
<b>Stripping length</b>	[mm]	11
<b>Internal cylindrical gage (IEC 947-1:1988)</b>		B 6
<b>Terminal point: thread / torque</b>	- / [Nm]	M 4 / 1.5 - 1.8
<b>Insulation material</b>		PA
Inflammability class acc. to UL 94		V2
Temperature indices RTI / Ti		125 / 100
<b>Approval data (UL and CSA)</b>		
Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	300 / 65 / 24 - 6
	CSA: [V] / [A] / AWG	300 / 65 / 22 - 6

<sup>1)</sup> Finger-safe protection is not guaranteed when using the insertion bridge externally.

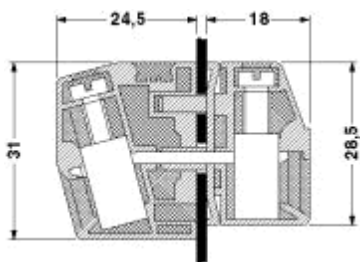
**Note:**

With the HDFK and HDFKV, the terminal space must be completely open when joining both terminal block halves. The HDFK 10 can be connected at a rotation of 180°.

**Dimensional drawing**



HDFK 10-VP



**Drilling diagram**

HDFK 10

