


HDFKV 10

for vertical conductor connection
Terminal width 10.1

(IEC)	rigid	flexible		I	U
[mm ²]	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.
Panel feed-through terminal block, for 1 - 4 mm thick housing walls, with internal and external screw connection, and with external for vertical conductor entry	gray	HDFKV 10	07 09 01 3	50
Potting panel feed-through terminal block, for 1 - 4 mm thick housing walls, with solder connection and potting plate inside	gray	HDFKV 10-VP	07 08 94 6	50

Accessories						
(1) Insertion bridge¹⁾,	2-pos., fully insulated,		EBS 2-10	$I_{max.}$: 70 A	02 03 15 3	100
	3-pos., fully insulated		EBS 3-10	70 A	02 03 32 8	10
	10-pos.,divisible, insulated spine		EBS 10-10	70 A	02 03 13 7	10
(2) Zack strip, 10-section,		white	ZB 10 (see info)			
(3) Screwdriver			SZS 1,0 x 4,0		12 05 06 6	10

Technical data		
Dimensions		see drawing
Technical data in accordance with IEC/VDE		
Max. cross section with insertion bridge (solid / stranded)	[mm ²]	16 / 10
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation material group	– / –	III / I
Connection capacity		

Conductor capacity

stranded with ferrule without / with plastic sleeve [mm²] 0.5 - 10 / 0.5 - 10

Multi-conductor connection (2 conductors with same cross section)

solid / stranded [mm²] 0.5 - 4 / 0.5 - 4

stranded with ferrule without plastic sleeve [mm²] 0.5 - 2.5

stranded with TWIN ferrule with plastic sleeve [mm²] 0.5 - 6

Stripping length [mm] 11

Internal cylindrical gage (IEC 947-1:1988) B 6

Terminal point: thread / torque - / [Nm] M 4 / 1.5 - 1.8

Insulation material PA

Inflammability class acc. to UL 94 V2

Temperature indices RTI / Ti 125 / 100

Approval data (UL and CSA)

Nom. voltage / nom. current / conduc. sizes UL: [V] / [A] / AWG 300 / 65 / 24 - 6

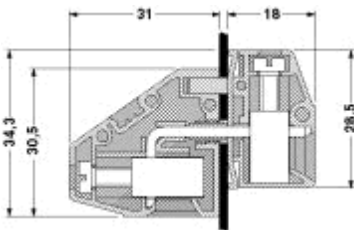
CSA: [V] / [A] / AWG 300 / 65 / 22 - 6

¹⁾ 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



Drilling diagram

HDFKV 10

