

ZFDK 4

Terminal width 6.2

(IEC)	rigid	flexible		I	U
[mm ²]	solid	stranded	AWG	[A]	[V]
IEC 947-7-1	0.5-6	0.5-4	20-10	32 *	800
EN 50 019 **	0.5-6	0.5-4	–	31/27	500









* The max. load current must not be exceeded by the residual current of all connected conductors.



** Certification: KEMA Ex-96.D.4367U

KEMA

Description	Color	Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on 	gray	ZFDK 4	30 24 09 6	50
	blue	ZFDK 4 BU	30 25 43 5	50

Accessories

(1) End cover	gray	 D-ZFDK 4	30 24 22 9	50
(2) Insulation stop sleeve , prevents the insulation being accidentally clamped with smaller cross sects. cross section range:	0.25-0.5 mm ² gray	 ZFK 4-ISH 0,5	30 02 88 5	50
	0.75-1 mm ² black	ZFK 4-ISH 1	30 02 89 8	50
(3) Fixed bridge , for cross-connections in the terminal center, divisible, screw heads with insulation collar	10-pos.	 FBI 10-6	02 03 25 0	10
(4) Plug-in bridge ² , for cross-connections in the terminal center, labelling on insulated spine	2-pos.	 FBSTB 2-6	30 25 78 1	10
	3-pos.	FBSTB 3-6	30 A 30 25 79 4	10
	10-pos.	FBSTB 10-6	30 A 30 25 86 2	10
(5) Separating plate , for electrical separation of neighboring bridges, can be fitted later, no loss of pitch		 TS-U3K 2,5	27 70 06 6	100
(6) Partition plate , for optical and electrical separation of terminal block groups, 2 mm thick		 ATP-ZFDK 4	30 24 56 2	50
(7) Test plugs , assembled as a block of 10		 PS-ZFK 4	30 00 98 4	10
(8) Screwdriver , for actuating the tension spring		 SZF 1 - 0,6 x 3,5	12 04 51 7	1

(9) Actuation tool, for actuating the tension spring	2-pos.		ZFK-BW 2-6	30 02 94 0	1
	3-pos.		ZFK-BW 3-6	30 02 95 3	1
(10) Zack marker sheet, flat, 100 or 120-section, for labelling the outer marker grooves			ZBFM 6 (see info)		
(11) Zack strip, 10-section, for labelling in the terminal center and on the plug-in bridges	white		ZB 6 (see info)		

Technical data

Dimensions

Width / length / end cover width	[mm]	6.2 / 98.5 / 2
Height (NS 35:7.5 / NS 35:15)	[mm]	40.5 / 48

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]	32 / 6
Rated surge voltage / contamination class	[kV] / –	8 / 3
Surge voltage category / insulation material group	– / –	III / I

Connection capacity

stranded with ferrule with plastic sleeve	[mm ²]	0.25 - 4
stranded with ferrule without plastic sleeve	[mm ²]	0.25 - 4
stranded with TWIN ferrule with plastic sleeve	[mm ²]	0.5-1

Stripping length [mm] 12

Internal cylindrical gage (IEC 947-1:1988) A 4

Insulation material PA

Inflammability class acc. to UL 94 V0

Temperature indices RTI / Ti 130 / 120

²⁾further numbers of positions see table 74/1.

Block diagram

