

DFK-MSTB 2,5/...-G

with solder or tab connection

Pitch 5.0 or. 5.08

(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Solder connection	0.2 - 2.5	0.2 - 2.5	24-12	12	250
Tab connection				8	250



Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Feed through header, 5.0 mm pitch, color: green	2	5	DFK-MSTB 2,5/2-G	07 07 10 9	50
	3	10	DFK-MSTB 2,5/3-G	07 07 11 2	
	4	15	DFK-MSTB 2,5/4-G	07 07 12 5	
	5	20	DFK-MSTB 2,5/5-G	07 07 13 8	
	6	25	DFK-MSTB 2,5/6-G	07 07 14 1	
	7	30	DFK-MSTB 2,5/7-G	07 07 15 4	
	8	35	DFK-MSTB 2,5/8-G	07 07 06 0	
	9	40	DFK-MSTB 2,5/9-G	07 07 16 7	
	10	45	DFK-MSTB 2,5/10-G	07 07 17 0	
	11	50	DFK-MSTB 2,5/11-G	07 07 18 3	
	12	55	DFK-MSTB 2,5/12-G	07 07 19 6	
	13	60	DFK-MSTB 2,5/13-G	07 07 20 6	
	14	65	DFK-MSTB 2,5/14-G	07 07 21 9	
	15	70	DFK-MSTB 2,5/15-G	07 07 22 2	
	16	75	DFK-MSTB 2,5/16-G	07 07 23 5	
	Feed through header, 5.08 mm pitch, color: green	2	5.08	DFK-MSTB 2,5/2-G-5,08	
3		10.16	DFK-MSTB 2,5/3-G-5,08	07 07 25 1	
4		15.24	DFK-MSTB 2,5/4-G-5,08	07 07 26 4	
5		20.32	DFK-MSTB 2,5/5-G-5,08	07 07 27 7	
6		25.40	DFK-MSTB 2,5/6-G-5,08	07 07 28 0	
7		30.48	DFK-MSTB 2,5/7-G-5,08	07 07 29 3	

8	35.56	DFK-MSTB 2,5/8-G-5,08	07 07 05 7
9	40.64	DFK-MSTB 2,5/9-G-5,08	07 07 30 3
10	45.72	DFK-MSTB 2,5/10-G-5,08	07 07 31 6
11	50.80	DFK-MSTB 2,5/11-G-5,08	07 07 32 9
12	55.88	DFK-MSTB 2,5/12-G-5,08	07 07 33 2
13	60.96	DFK-MSTB 2,5/13-G-5,08	07 07 34 5
14	66.04	DFK-MSTB 2,5/14-G-5,08	07 07 35 8
15	71.12	DFK-MSTB 2,5/15-G-5,08	07 07 36 1
16	76.20	DFK-MSTB 2,5/16-G-5,08	07 07 37 4

Accessories

(1) Locking latch , red insulating material, only with MSTB 2,5/...ST and MSTBT 2,5/...ST		DFK-MSTB-R	50 30 17 2	50
(2) Screw set , to secure the header to the housing wall, consists of M 3 x 10 screw, spring washer and nut		DFK-MSTB-SS	07 08 26 3	100

Technical data

Dimensions	see description			
Pitch	[mm]	5.0 / 5.08		
Technical data in accordance with IEC / DIN VDE				
Insulation material group	–	I		
Surge voltage category / contamination class	–/–	III / 3	III / 2	II / 2
Rated voltage	[V]	320	320	630
Rated surge voltage	[kV]	4	4	4
Nominal current / cross section	[A]/[mm ²]	12 / 2.5		
Maximum load current / cross section	[A]/[mm ²]	12 / 2.5		
Tab connection (DIN 46249-1): I _{max} / nominal size	[A]/[mm]	8 / 2.8 x 0.8		
Connection capacity				
solid / stranded / conductor sizes	[mm ²]/[mm ²]/AWG	0.2 - 2.5 / 0.2 - 2.5 / 24 - 12		
Insulation material				
Inflammability class acc. to UL 94		PA		
Temperature indices RTI/Ti		V2		
		125/100		
Approval data (UL and CSA)				
Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	300 / 10 / –		
	CSA: [V] / [A] / AWG	300 / 10 / –		

No. of pos.	Terminal width 5.0		Terminal width 5.08	
	b	c	b	c
2	12.7	20	13.18	20.32
3	17.7	25	18.26	25.40
4	22.7	30	23.24	30.48
5	27.7	35	28.42	35.56
6	32.7	40	33.50	40.64
7	37.7	45	38.58	45.72

7	37.7	45	38.30	43.12
8	42.7	50	43.66	50.80
9	47.7	55	48.74	55.88
10	52.7	60	53.82	60.96
11	57.7	65	58.90	66.04
12	62.7	70	63.98	71.12
13	67.7	75	69.06	76.20
14	72.7	80	74.14	81.28
15	77.7	85	79.22	86.36
16	82.7	90	84.30	91.44

Note:

Only actuate COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

Dimensional drawing

