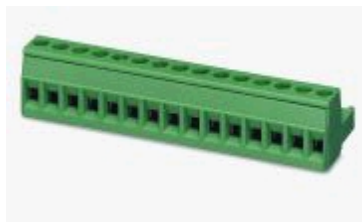


MSTB 2,5/...-ST

Plug-in direction parallel to the conductor axis
Pitch 5.0 or 5.08

(IEC)	rigid	flexible		I	U
[mm ²]	solid	stranded	AWG	[A]	[V]
Connection data	0.2-2.5	0.2-2.5	24-12	12	250



Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Plugs, 5.0 mm pitch, color: green	2	5	MSTB 2,5/2-ST	17 54 44 9	50
	3	10	MSTB 2,5/3-ST	17 54 46 5	
	4	15	MSTB 2,5/4-ST	17 54 48 1	
	5	20	MSTB 2,5/5-ST	17 54 50 4	
	6	25	MSTB 2,5/6-ST	17 54 52 0	
	7	30	MSTB 2,5/7-ST	17 54 54 6	
	8	35	MSTB 2,5/8-ST	17 54 56 2	
	9	40	MSTB 2,5/9-ST	17 54 58 8	
	10	45	MSTB 2,5/10-ST	17 54 60 1	
	11	50	MSTB 2,5/11-ST	17 54 62 7	
	12	55	MSTB 2,5/12-ST	17 54 64 3	
	13	60	MSTB 2,5/13-ST	17 54 66 9	
	14	65	MSTB 2,5/14-ST	17 54 68 5	
	15	70	MSTB 2,5/15-ST	17 54 70 8	
	16	75	MSTB 2,5/16-ST	17 54 72 4	
	17	80	MSTB 2,5/17-ST	17 54 74 0	
	18	85	MSTB 2,5/18-ST	17 54 76 6	
	19	90	MSTB 2,5/19-ST	17 54 78 2	
	20	95	MSTB 2,5/20-ST	17 54 80 5	
	21	100	MSTB 2,5/21-ST	17 54 82 1	
	22	105	MSTB 2,5/22-ST	17 54 84 7	
	23	110	MSTB 2,5/23-ST	17 54 86 3	
	24	115	MSTB 2,5/24-ST	17 54 88 9	
Plugs, 5.08 mm pitch, color: green	2	5.08	MSTB 2,5/2-ST-5,08	17 57 01 9	50
	3	10.16	MSTB 2,5/3-ST-5,08	17 57 02 2	
	4	15.24	MSTB 2,5/4-ST-5,08	17 57 03 5	
	5	20.32	MSTB 2,5/5-ST-5,08	17 57 04 8	
	6	25.40	MSTB 2,5/6-ST-5,08	17 57 05 1	
	7	30.48	MSTB 2,5/7-ST-5,08	17 57 06 4	
	8	35.50	MSTB 2,5/8-ST-5,08	17 57 07 7	

8	35.56	MSTB 2,5/8-ST-5,08	17 57 07 7
9	40.64	MSTB 2,5/9-ST-5,08	17 57 08 0
10	45.72	MSTB 2,5/10-ST-5,08	17 57 09 3
11	50.80	MSTB 2,5/11-ST-5,08	17 57 10 3
12	55.88	MSTB 2,5/12-ST-5,08	17 57 11 6
13	60.96	MSTB 2,5/13-ST-5,08	17 57 12 9
14	66.04	MSTB 2,5/14-ST-5,08	17 57 13 2
15	71.12	MSTB 2,5/15-ST-5,08	17 57 14 5
16	76.20	MSTB 2,5/16-ST-5,08	17 57 15 8
17	81.28	MSTB 2,5/17-ST-5,08	17 57 16 1
18	86.36	MSTB 2,5/18-ST-5,08	17 57 17 4
19	91.44	MSTB 2,5/19-ST-5,08	17 57 18 7
20	96.52	MSTB 2,5/20-ST-5,08	17 57 19 0
21	101.60	MSTB 2,5/21-ST-5,08	17 57 20 0
22	106.68	MSTB 2,5/22-ST-5,08	17 57 21 3
23	111.76	MSTB 2,5/23-ST-5,08	17 57 22 6
24	116.84	MSTB 2,5/24-ST-5,08	17 57 23 9

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]	250	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	
Connection capacity				
solid / stranded / conductor sizes	[mm ²]/[mm ²]/AWG		0.2 - 2.5 / 0.2 - 2.5 / 24 - 12	
stranded with ferrules without / with plastic collar	[mm ²]		0.25 - 2.5 / 0.25 - 2.5	

Multiple connection (2 conductors with same cross section)

solid / stranded	[mm ²]	0.2 - 1 / 0.2 - 1.5
stranded with ferrules without plastic collar	[mm ²]	0.25 - 1
stranded with TWIN ferrules with plastic collar	[mm ²]	0.5 - 1.5

Stripping length	[mm]	7
Internal cylindrical gage (IEC 947-1:1988)	—	A 3
Thread	—	M 3
Torque	[Nm]	0.5 - 0.6

Insulation material	PA
Inflammability class acc. to UL 94	V0
Temperature indices RTI/Ti	130/120

Approval data (UL and CSA)

Nominal voltage / current /
conductor sizes

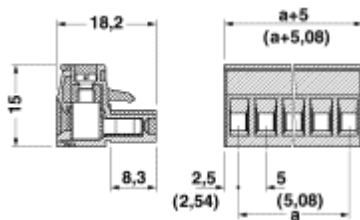
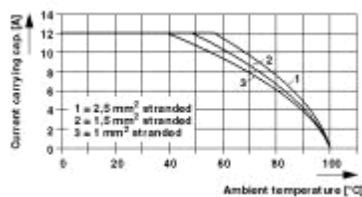
UL: [V] / [A] / AWG
CSA: [V] / [A] / AWG

300 / 10 / 30 - 12
300 / 10 / 28 - 12

Articles printed in bold can be delivered at short notice.
Products with black or gray housing available on request.

Note:

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

Dimensional drawing**Diagram**

Current carrying capacity depending on the ambient
temperature Plug: MSTB 2,5/2-ST(F)(-5,08)
Header: MSTB(V)(A) 2,5/2-G(F)(-5,08)

