

MSTB 2,5/...-STF

with screw flange,
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-STF	17 86 83 1	50
	3	10	MSTB 2,5/3-STF	17 86 84 4	
	4	15	MSTB 2,5/4-STF	17 86 85 7	
	5	20	MSTB 2,5/5-STF	17 86 86 0	
	6	25	MSTB 2,5/6-STF	17 86 87 3	
	7	30	MSTB 2,5/7-STF	17 86 88 6	
	8	35	MSTB 2,5/8-STF	17 86 89 9	
	9	40	MSTB 2,5/9-STF	17 86 90 9	
	10	45	MSTB 2,5/10-STF	17 86 91 2	
	11	50	MSTB 2,5/11-STF	17 86 92 5	
	12	55	MSTB 2,5/12-STF	17 86 93 8	
	13	60	MSTB 2,5/13-STF	17 86 94 1	
	14	65	MSTB 2,5/14-STF	17 86 95 4	
	15	70	MSTB 2,5/15-STF	17 86 96 7	
	16	75	MSTB 2,5/16-STF	17 86 97 0	
	17	80	MSTB 2,5/17-STF	17 86 98 3	
	18	85	MSTB 2,5/18-STF	17 86 99 6	
	19	90	MSTB 2,5/19-STF	17 87 00 5	
	20	95	MSTB 2,5/20-STF	17 87 01 8	
Plugs, 5.08 mm pitch, color: green	2	5.08	MSTB 2,5/2-STF-5,08	17 77 98 9	50
	3	10.16	MSTB 2,5/3-STF-5,08	17 77 99 2	
	4	15.24	MSTB 2,5/4-STF-5,08	17 78 00 1	
	5	20.32	MSTB 2,5/5-STF-5,08	17 78 01 4	
	6	25.40	MSTB 2,5/6-STF-5,08	17 78 02 7	
	7	30.48	MSTB 2,5/7-STF-5,08	17 78 03 0	
	8	35.56	MSTB 2,5/8-STF-5,08	17 78 04 3	
	9	40.64	MSTB 2,5/9-STF-5,08	17 78 05 6	
	10	45.72	MSTB 2,5/10-STF-5,08	17 78 06 9	
	11	50.80	MSTB 2,5/11-STF-5,08	17 78 07 2	
	12	55.88	MSTB 2,5/12-STF-5,08	17 78 08 5	
	13	60.96	MSTB 2,5/13-STF-5,08	17 78 09 8	

12	55.88	MSTB 2,5/12-STF-5,08	17 78 08 5
13	60.96	MSTB 2,5/13-STF-5,08	17 78 09 8
14	66.04	MSTB 2,5/14-STF-5,08	17 78 10 8
15	71.12	MSTB 2,5/15-STF-5,08	17 78 11 1
16	76.20	MSTB 2,5/16-STF-5,08	17 78 12 4
17	81.28	MSTB 2,5/17-STF-5,08	17 78 13 7
18	86.36	MSTB 2,5/18-STF-5,08	17 78 14 0
19	91.44	MSTB 2,5/19-STF-5,08	17 78 15 3
20	96.52	MSTB 2,5/20-STF-5,08	17 78 16 6

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

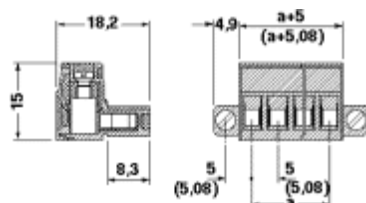
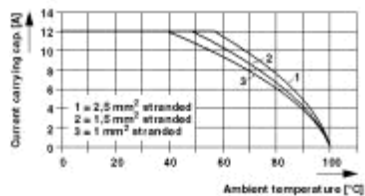
Approval data (UL and CSA)

Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	300 / 10 / 30 - 12
	CSA: [V] / [A] / AWG	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)

