

MVSTBR 2,5/...-ST

Plug-in direction vertical to the conductor axis,
connection point facing the **smooth** wall (R)
of the header

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

HC A

Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Plugs, 5.0 mm pitch, color: green	2	5	MVSTBR 2,5/2-ST	17 92 01 6	50
	3	10	MVSTBR 2,5/3-ST	17 92 02 9	
	4	15	MVSTBR 2,5/4-ST	17 92 03 2	
	5	20	MVSTBR 2,5/5-ST	17 92 04 5	
	6	25	MVSTBR 2,5/6-ST	17 92 05 8	
	7	30	MVSTBR 2,5/7-ST	17 92 06 1	
	8	35	MVSTBR 2,5/8-ST	17 92 07 4	
	9	40	MVSTBR 2,5/9-ST	17 92 08 7	
	10	45	MVSTBR 2,5/10-ST	17 92 09 0	
	11	50	MVSTBR 2,5/11-ST	17 92 10 0	
	12	55	MVSTBR 2,5/12-ST	17 92 11 3	
	13	60	MVSTBR 2,5/13-ST	17 92 12 6	
	14	65	MVSTBR 2,5/14-ST	17 92 13 9	
	15	70	MVSTBR 2,5/15-ST	17 92 14 2	
	16	75	MVSTBR 2,5/16-ST	17 92 15 5	
	17	80	MVSTBR 2,5/17-ST	17 92 16 8	
	18	85	MVSTBR 2,5/18-ST	17 92 17 1	
	19	90	MVSTBR 2,5/19-ST	17 92 18 4	
	20	95	MVSTBR 2,5/20-ST	17 92 19 7	
	21	100	MVSTBR 2,5/21-ST	17 92 20 7	
	22	105	MVSTBR 2,5/22-ST	17 92 21 0	
	23	110	MVSTBR 2,5/23-ST	17 92 22 3	
	24	115	MVSTBR 2,5/24-ST	17 92 23 6	
Plugs, 5.08 mm pitch, color: green	2	5.08	MVSTBR 2,5/2-ST-5,08	17 92 24 9	50
	3	10.16	MVSTBR 2,5/3-ST-5,08	17 92 25 2	
	4	15.24	MVSTBR 2,5/4-ST-5,08	17 92 26 5	
	5	20.32	MVSTBR 2,5/5-ST-5,08	17 92 27 8	
	6	25.40	MVSTBR 2,5/6-ST-5,08	17 92 28 1	

7	30.48	MVSTBR 2,5/7-ST-5,08	17 92 29 4
8	35.56	MVSTBR 2,5/8-ST-5,08	17 92 30 4
9	40.64	MVSTBR 2,5/9-ST-5,08	17 92 31 7
10	45.72	MVSTBR 2,5/10-ST-5,08	17 92 32 0
11	50.80	MVSTBR 2,5/11-ST-5,08	17 92 33 3
12	55.88	MVSTBR 2,5/12-ST-5,08	17 92 34 6
13	60.96	MVSTBR 2,5/13-ST-5,08	17 92 35 9
14	66.04	MVSTBR 2,5/14-ST-5,08	17 92 36 2
15	71.12	MVSTBR 2,5/15-ST-5,08	17 92 37 5
16	76.20	MVSTBR 2,5/16-ST-5,08	17 92 38 8
17	81.28	MVSTBR 2,5/17-ST-5,08	17 92 39 1
18	86.36	MVSTBR 2,5/18-ST-5,08	17 92 40 1
19	91.44	MVSTBR 2,5/19-ST-5,08	17 92 41 4
20	96.52	MVSTBR 2,5/20-ST-5,08	17 92 42 7
21	101.60	MVSTBR 2,5/21-ST-5,08	17 92 43 0
22	106.68	MVSTBR 2,5/22-ST-5,08	17 92 44 3
23	111.76	MVSTBR 2,5/23-ST-5,08	17 92 45 6
24	116.84	MVSTBR 2,5/24-ST-5,08	17 92 46 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 capacitysolid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.2 - 2.5 / 0.2 - 2.5 / 24 - 12stranded with ferrules without / with plastic collar [mm²] 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

Temperature indices K1/M1

100/120

Approval data (UL and CSA)Nominal voltage / current /
conductor sizes

UL: [V] / [A] / AWG

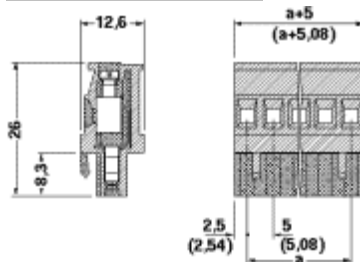
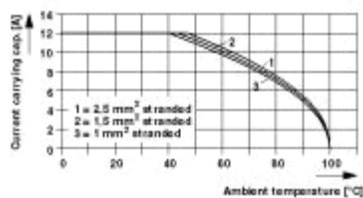
300 / 10 / 30 - 12

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 ambient temperature

Plug : MVSTBR(W) 2,5/2-ST(F)(-5,08)

Header : MSTB(V)(A) 2,5/2-G(F)(-5,08)

