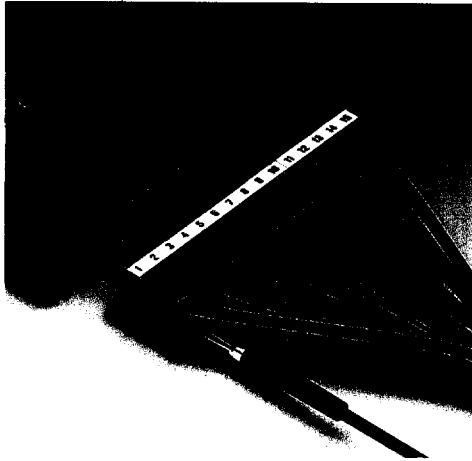


# COMBICON Spring Energy Plugs, Pitch 5.08 mm



With the FK-MSTBP 1,5 and FK-C 2,5 plugs, the conductor connection is made via spring energy with proven COMBICON pluggability. The plugs can be combined with all headers with a 5.08 mm pitch.

The FK-MSTBP 1,5 makes use of the solder pin space beneath the board. The terminal block can be operated with a screwdriver from the front, using an extraction rocker. The mechanical pressure on the soldered connection caused by actuating the rocker is reduced by the short distance between the screwdriver and the p.c.b.

The FK-C 2,5 plug now provides a spring version of the standard terminal strip MSTB 2,5 with the same shape. For this model too, the force-reducing, orange opening lever ensures a user-friendly conductor connection.

In addition, a test connection for a 2 mm Ø test pin or 2.3 mm Ø test plug is integrated in both models.

Alternatively, the plugs are also available with screw flange for vibration-resistant connection with headers with threaded flanges.

Labelling is done with the self-adhesive marker cards SK 5,08/3,8 (see catalog part 3).

The combination possibilities for plug connectors are documented in the COMBICON cross-reference list on pages 82 to 85.

Articles printed in bold can be delivered at short notice.

Products with black or gray housing available on request.



## FK-MSTBP 1,5/...-ST-5,08

Spring energy plug with test connection

Pitch 5.08

(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-1.5	0.2-1.5	24-14	12	250

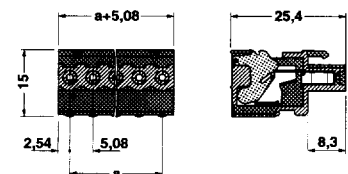
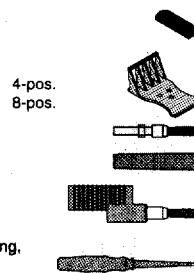
Further technical data see page 220.

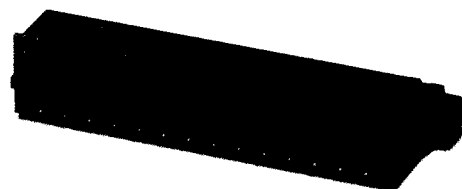
**Note:**

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.

Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
<b>Plugs, 5.08 mm pitch, color: green</b>	2	5.08	<b>FK-MSTBP 1,5/2-ST-5,08</b>	<b>17 82 37 2</b>	50
	3	10.16	<b>FK-MSTBP 1,5/3-ST-5,08</b>	<b>17 82 38 5</b>	
	4	15.24	<b>FK-MSTBP 1,5/4-ST-5,08</b>	<b>17 82 39 8</b>	
	5	20.32	<b>FK-MSTBP 1,5/5-ST-5,08</b>	<b>17 82 40 8</b>	
	6	25.40	<b>FK-MSTBP 1,5/6-ST-5,08</b>	<b>17 82 41 1</b>	
	7	30.48	FK-MSTBP 1,5/7-ST-5,08	17 82 42 4	
	8	35.56	<b>FK-MSTBP 1,5/8-ST-5,08</b>	<b>17 82 43 7</b>	
	9	40.64	FK-MSTBP 1,5/9-ST-5,08	17 82 44 0	
	10	45.72	<b>FK-MSTBP 1,5/10-ST-5,08</b>	<b>17 82 45 3</b>	
	11	50.80	FK-MSTBP 1,5/11-ST-5,08	17 82 46 6	
	12	55.88	FK-MSTBP 1,5/12-ST-5,08	17 82 47 9	
	13	60.96	FK-MSTBP 1,5/13-ST-5,08	17 82 48 2	
	14	66.04	FK-MSTBP 1,5/14-ST-5,08	17 82 49 5	
	15	71.12	FK-MSTBP 1,5/15-ST-5,08	17 82 50 5	
	16	76.20	FK-MSTBP 1,5/16-ST-5,08	17 82 51 8	
	17	81.28	FK-MSTBP 1,5/17-ST-5,08	18 42 68 1	
	18	86.36	FK-MSTBP 1,5/18-ST-5,08	18 42 69 4	
	19	91.44	FK-MSTBP 1,5/19-ST-5,08	18 42 70 4	
	20	96.52	FK-MSTBP 1,5/20-ST-5,08	18 42 71 7	
	21	101.60	FK-MSTBP 1,5/21-ST-5,08	18 42 72 0	
	22	106.68	FK-MSTBP 1,5/22-ST-5,08	18 42 73 3	
	23	111.76	FK-MSTBP 1,5/23-ST-5,08	18 42 74 6	
	24	116.84	FK-MSTBP 1,5/24-ST-5,08	18 42 75 9	
				<b>CP-MSTB</b>	
			<b>MPS....</b> (see page 207)		
			<b>RPS</b>	<b>02 01 64 7</b>	10
			<b>SZS 0,6 x 3,5</b>	<b>12 05 05 3</b>	10
			<b>SK 5,08/3,8</b> (see page 210)		

- (1) **Coding section**, is inserted into the slot on the plug, red insulating material
- (2) **Strain relief**, for snapping into the latching chambers of the plug
- (3) **Test plug**, consisting of a metal part and a colored insulating sleeve; ordering data see page 207
- (4) **Reducing plug**, for connecting a 4 mm Ø test plug to a 2.3 mm Ø test plug socket, insulation: gray
- (5) **Screwdriver**, for releasing the spring, blade: 0.6 x 3.5 x 100 mm, length: 180 mm
- (6) **Marker card**, with 12 pcs., 10-section marker strips, white, self-adhesive, for 120 terminal blocks





### FK-MSTBP 1,5/...-STF-5,08

Spring energy plug with test connection

### FKC 2,5/...-ST-5,08

Spring energy plug

### FKC 2,5/...-STF-5,08

Spring energy plug with screw flange

Pitch 5.08

(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-1.5	0.2-1.5	24-14	12	250

Further technical data see page 220.

Pitch 5.08

(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-2.5	0.2-1.5	24-16	12	250

Further technical data see page 220.

Pitch 5.08

(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.2-2.5	0.2-1.5	24-16	12	250

Further technical data see page 220.

Type	Order No.	Pcs. Pkt.	Type	Order No.	Pcs. Pkt.	Type	Order No.	Pcs. Pkt.
FK-MSTBP 1,5/2-STF-5,08	18 58 57 8	50	FKC 2,5/2-ST-5,08	18 73 05 8	50	FKC 2,5/2-STF-5,08	18 73 20 7	50
FK-MSTBP 1,5/3-STF-5,08	18 58 58 1		FKC 2,5/3-ST-5,08	18 73 06 1		FKC 2,5/3-STF-5,08	18 73 21 0	
FK-MSTBP 1,5/4-STF-5,08	18 58 59 4		FKC 2,5/4-ST-5,08	18 73 07 4		FKC 2,5/4-STF-5,08	18 73 22 3	
FK-MSTBP 1,5/5-STF-5,08	18 58 60 4		FKC 2,5/5-ST-5,08	18 73 08 7		FKC 2,5/5-STF-5,08	18 73 23 6	
FK-MSTBP 1,5/6-STF-5,08	18 58 61 7		FKC 2,5/6-ST-5,08	18 73 09 0		FKC 2,5/6-STF-5,08	18 73 24 9	
FK-MSTBP 1,5/7-STF-5,08	18 58 62 0		FKC 2,5/7-ST-5,08	18 73 10 0		FKC 2,5/7-STF-5,08	18 73 25 2	
FK-MSTBP 1,5/8-STF-5,08	18 58 63 3		FKC 2,5/8-ST-5,08	18 73 11 3		FKC 2,5/8-STF-5,08	18 73 26 5	
FK-MSTBP 1,5/9-STF-5,08	18 58 64 6		FKC 2,5/9-ST-5,08	18 73 12 6		FKC 2,5/9-STF-5,08	18 73 27 8	
FK-MSTBP 1,5/10-STF-5,08	18 58 65 9		FKC 2,5/10-ST-5,08	18 73 13 9		FKC 2,5/10-STF-5,08	18 73 28 1	
FK-MSTBP 1,5/11-STF-5,08	18 58 66 2		FKC 2,5/11-ST-5,08	18 73 14 2		FKC 2,5/11-STF-5,08	18 73 29 4	
FK-MSTBP 1,5/12-STF-5,08	18 58 67 5		FKC 2,5/12-ST-5,08	18 73 15 5		FKC 2,5/12-STF-5,08	18 73 30 4	
FK-MSTBP 1,5/13-STF-5,08	18 58 68 8		FKC 2,5/13-ST-5,08	18 73 16 8		FKC 2,5/13-STF-5,08	18 73 31 7	
FK-MSTBP 1,5/14-STF-5,08	18 58 69 1		FKC 2,5/14-ST-5,08	18 73 17 1		FKC 2,5/14-STF-5,08	18 73 32 0	
FK-MSTBP 1,5/15-STF-5,08	18 58 70 1		FKC 2,5/15-ST-5,08	18 73 18 4		FKC 2,5/15-STF-5,08	18 73 33 3	
FK-MSTBP 1,5/16-STF-5,08	18 58 71 4		FKC 2,5/16-ST-5,08	18 73 19 7		FKC 2,5/16-STF-5,08	18 73 34 6	
FK-MSTBP 1,5/17-STF-5,08	18 58 72 7							
FK-MSTBP 1,5/18-STF-5,08	18 58 73 0							
FK-MSTBP 1,5/19-STF-5,08	18 58 74 3							
FK-MSTBP 1,5/20-STF-5,08	18 58 75 6							
<b>CP-MSTB</b>	<b>17 34 63 4</b>		<b>100</b>	<b>CP-MSTB</b>		<b>17 34 63 4</b>	<b>100</b>	
			<b>STZ 4-FKC-5,08</b>	<b>18 76 87 7</b>	<b>10</b>	<b>STZ 4-FKC-5,08</b>	<b>18 76 87 7</b>	<b>10</b>
			<b>STZ 8-FKC-5,08</b>	<b>18 76 88 0</b>	<b>10</b>	<b>STZ 8-FKC-5,08</b>	<b>18 76 88 0</b>	<b>10</b>
<b>MPS-...</b> (see page 207)			<b>MPS-...</b> (see page 207)			<b>MPS-...</b> (see page 207)		
<b>RPS</b>	<b>02 01 64 7</b>	<b>10</b>	<b>RPS</b>	<b>02 01 64 7</b>	<b>10</b>	<b>RPS</b>	<b>02 01 64 7</b>	<b>10</b>
<b>SZS 0,6 x 3,5</b>	<b>12 05 05 3</b>	<b>10</b>	<b>SZS 0,6 x 3,5</b>	<b>12 05 05 3</b>	<b>10</b>	<b>SZS 0,6 x 3,5</b>	<b>12 05 05 3</b>	<b>10</b>
<b>SK 5,08/3,8</b> (see page 210)			<b>SK 5,08/3,8</b> (see page 210)			<b>SK 5,08/3,8</b> (see page 210)		

