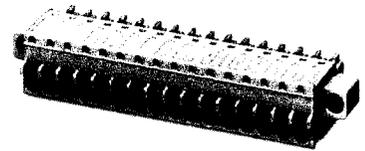
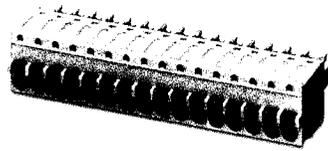


# MINI-COMBICON Spring Energy Plugs, Pitch 3.81 mm



## FK-MCP 1,5/...-ST-3,81

Plug with spring connection

## FK-MCP 1,5/...-STF-3,81

Plug with spring connection  
and screw flange

Pitch 3.81

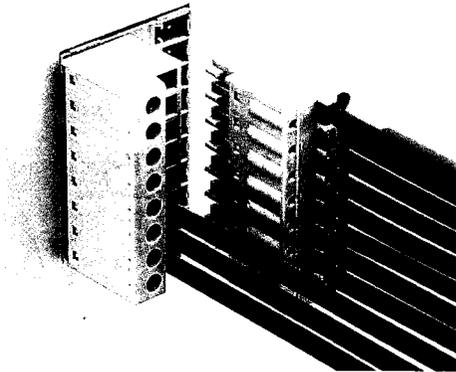
(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.14-1.5	0.14-1.5	28-16	8	160

Further technical data see page 216.

Pitch 3.81

(IEC) [mm <sup>2</sup> ]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.14-1.5	0.14-1.5	28-16	8	160

Further technical data see page 216.



Description	No. of positions	Dim. a [mm]
<b>Plugs, 3.81 mm pitch,</b> color: green	2	3.81
	3	7.62
	4	11.43
	5	15.24
	6	19.05
	7	22.86
	8	26.67
	9	30.48
	10	34.29
	11	38.10
	12	41.91
	13	45.72
	14	49.53
	15	53.34
	16	57.15
	17	60.96
	18	64.77
	19	68.58
	20	72.39

(1) **Screwdriver,**  
blade: 0.4 x 2.5 x 80 mm,  
length: 160 mm



(2) **Marker card,** with 14 pcs.,  
10-section marker strips, white,  
self-adhesive, for 140 terminal blocks



Type	Order No.
FK-MCP 1,5/2-ST-3,81	18 51 04 1
FK-MCP 1,5/3-ST-3,81	18 51 05 4
FK-MCP 1,5/4-ST-3,81	18 51 06 7
FK-MCP 1,5/5-ST-3,81	18 51 07 0
FK-MCP 1,5/6-ST-3,81	18 51 08 3
FK-MCP 1,5/7-ST-3,81	18 51 09 6
FK-MCP 1,5/8-ST-3,81	18 51 10 6
FK-MCP 1,5/9-ST-3,81	18 51 11 9
FK-MCP 1,5/10-ST-3,81	18 51 12 2
FK-MCP 1,5/11-ST-3,81	18 51 13 5
FK-MCP 1,5/12-ST-3,81	18 51 14 8
FK-MCP 1,5/13-ST-3,81	18 51 15 1
FK-MCP 1,5/14-ST-3,81	18 51 16 4
FK-MCP 1,5/15-ST-3,81	18 51 17 7
FK-MCP 1,5/16-ST-3,81	18 51 18 0
FK-MCP 1,5/17-ST-3,81	18 51 19 3
FK-MCP 1,5/18-ST-3,81	18 51 20 3
FK-MCP 1,5/19-ST-3,81	18 51 21 6
FK-MCP 1,5/20-ST-3,81	18 51 22 9

**SZS 0,4 x 2,5**

**12 05 03 7**

**10**

**SK 3,81/2,8**  
(see page 209)



Type	Order No.
FK-MCP 1,5/2-STF-3,81	18 51 23 2
FK-MCP 1,5/3-STF-3,81	18 51 24 5
FK-MCP 1,5/4-STF-3,81	18 51 25 8
FK-MCP 1,5/5-STF-3,81	18 51 26 1
FK-MCP 1,5/6-STF-3,81	18 51 27 4
FK-MCP 1,5/7-STF-3,81	18 51 28 7
FK-MCP 1,5/8-STF-3,81	18 51 29 0
FK-MCP 1,5/9-STF-3,81	18 51 30 3
FK-MCP 1,5/10-STF-3,81	18 51 31 3
FK-MCP 1,5/11-STF-3,81	18 51 32 6
FK-MCP 1,5/12-STF-3,81	18 51 33 9
FK-MCP 1,5/13-STF-3,81	18 51 34 2
FK-MCP 1,5/14-STF-3,81	18 51 35 5
FK-MCP 1,5/15-STF-3,81	18 51 36 8
FK-MCP 1,5/16-STF-3,81	18 51 37 1
FK-MCP 1,5/17-STF-3,81	18 51 38 4
FK-MCP 1,5/18-STF-3,81	18 51 39 7
FK-MCP 1,5/19-STF-3,81	18 51 40 7
FK-MCP 1,5/20-STF-3,81	18 51 41 0

**SZS 0,4 x 2,5**

**12 05 03 7**

**10**

**SK 3,81/2,8**  
(see page 209)

With the FK-MCP 1,5/...-ST, the conductor is connected to the socket strip by means of spring energy. The connector can be combined with all MC headers with a 3.81 mm pitch.

The plug makes use of the solder pin space underneath the printed circuit board. An extraction rocker makes it possible to actuate the terminal block from the front using a screwdriver. The proximity of the screwdriver and printed circuit board axes means that the mechanical pressure on the solder-ed connections is reduced to a minimum when the extraction rocker is actuated.

A test connection for a 1.2 mm Ø test pin is also integrated.

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

Corresponding headers see pages 96 to 108, 162, 168, 176 and 177.

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

