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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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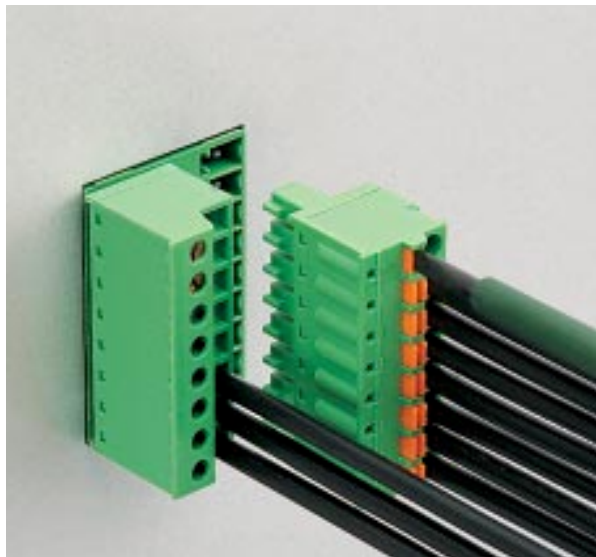
MINI COMBICON

Spring Cage Plugs FK-MCP 1,5/...-ST-3,5

3.5 mm Pitch

With the FK-MCP 1,5/...-ST, the conductor is connected to the socket strip by means of spring cage connection. The plug can be combined with all MC headers with a 3.5 or 3.81 mm pitch (for 3.81 mm pitch, see COMBICON catalog).

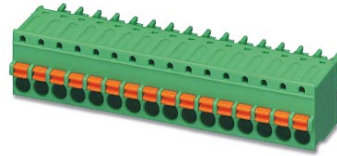
The terminal block can be operated from the front by taking a screwdriver to the opening lever. A test connection for a 1.2 mm \varnothing test pin is also integrated. In order to ensure a vibration-resistant connection with headers with a threaded flange, the plugs are also available with a screw flange.



MINI COMBICON

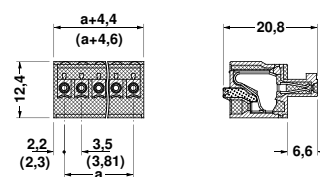
Spring Cage Plugs, 3.5 mm Pitch

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



COMBICON plug connectors may only be actuated in the no-load condition. If smaller loads need to be switched for operational reasons, experimental values are available on request.

Description	No of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Plugs, 3.5 mm pitch, color: green, For plugs with a 3.81 mm pitch, see COMBICON catalog.	2	3.5	FK-MCP 1,5/2-ST-3,5	19 39 91 8	50
	3	7	FK-MCP 1,5/3-ST-3,5	19 39 92 1	
	4	10.5	FK-MCP 1,5/4-ST-3,5	19 39 93 4	
	5	14	FK-MCP 1,5/5-ST-3,5	19 39 94 7	
	6	17.5	FK-MCP 1,5/6-ST-3,5	19 39 95 0	
	7	21	FK-MCP 1,5/7-ST-3,5	19 39 96 0	
	8	24.5	FK-MCP 1,5/8-ST-3,5	19 39 96 3	
	9	28	FK-MCP 1,5/9-ST-3,5	19 39 97 6	
	10	31.5	FK-MCP 1,5/10-ST-3,5	19 39 98 9	
	11	35	FK-MCP 1,5/11-ST-3,5	19 39 99 2	
	12	38.5	FK-MCP 1,5/12-ST-3,5	19 40 00 4	
	13	42	FK-MCP 1,5/13-ST-3,5	19 40 01 7	
	14	45.5	FK-MCP 1,5/14-ST-3,5	19 40 02 0	
	15	49	FK-MCP 1,5/15-ST-3,5	19 40 03 3	
	16	52.5	FK-MCP 1,5/16-ST-3,5	19 40 04 6	
	17	56	FK-MCP 1,5/17-ST-3,5	19 40 05 9	
	18	59.5	FK-MCP 1,5/18-ST-3,5	19 40 06 2	
	19	63	FK-MCP 1,5/19-ST-3,5	19 40 07 5	
	20	66.5	FK-MCP 1,5/20-ST-3,5	19 40 08 8	
(1) Marker card , with 14 pcs. 10-section marker strips, white, self-adhesive, for 140 terminal blocks			SK 3,5/2,8 (see COMBICON catalog)		
Technical data					
Dimensions			see description		
Pitch	[mm]		3.5		
Hole diameter	[mm]		—		
Pin dimensions	[mm]x[mm]		—		
Technical data in acc. with IEC/ DIN VDE					
Insulating material group			I		
Surge voltage category / contamination class	—/—		III / 3	III / 2	II / 2
Rated voltage	[V]		160	160	320
Rated surge voltage	[kV]		2.5	2.5	2.5
Nominal current / cross section	[A]/[mm ²]		8 / 1.5		
Maximum load current / cross section	[A]/[mm ²]		8 / 1.5		
Connection capacity					
Solid / stranded / conductor sizes	[mm ²]/[mm ²]/AWG		0.14 - 1.5 / 0.14 - 1.5 / 28 - 16		
Stranded with ferrule without / with plastic sleeve	[mm ²]		0.25 - 1.5 / 0.25 - 0.5		
Multiple connection (2 conductors with same cross section)					
Solid / stranded	[mm ²]		—		
Stranded with ferrules without plastic sleeve	[mm ²]		—		
Stranded with TWIN ferrule with plastic sleeve	[mm ²]		—		
Stripping length	[mm]		9		
Internal cylindrical gauge (IEC 60 947-1)			A1		
Thread			—		
Torque	[Nm]		—		
Insulating material			PA		
Inflammability class in acc. with UL 94			V0		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes	UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG		300 / 8 / 28 - 16 300 / 8 / 28 - 16		

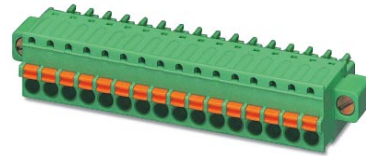


MINI COMBICON

Spring Cage Plugs with Screw Flange

3.5 mm Pitch

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



COMBICON plug connectors may only be actuated in the no-load condition. If smaller loads need to be switched for operational reasons, experimental values are available on request.

Description	No of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Plugs, 3.5 mm pitch, with screw flange, color: green,	2	3.5	FK-MCP 1,5/2-STF-3,5	19 40 09 1	50
For plugs with a 3.81 mm pitch, see COMBICON catalog.	3	7	FK-MCP 1,5/3-STF-3,5	19 40 10 1	
	4	10.5	FK-MCP 1,5/4-STF-3,5	19 40 11 4	
	5	14	FK-MCP 1,5/5-STF-3,5	19 40 12 7	
	6	17.5	FK-MCP 1,5/6-STF-3,5	19 40 13 0	
	7	21	FK-MCP 1,5/7-STF-3,5	19 40 14 3	
	8	24.5	FK-MCP 1,5/8-STF-3,5	19 40 15 6	
	9	28	FK-MCP 1,5/9-STF-3,5	19 40 16 9	
	10	31.5	FK-MCP 1,5/10-STF-3,5	19 40 17 2	
	11	35	FK-MCP 1,5/11-STF-3,5	19 40 18 5	
	12	38.5	FK-MCP 1,5/12-STF-3,5	19 40 19 8	
	13	42	FK-MCP 1,5/13-STF-3,5	19 40 20 8	
	14	45.5	FK-MCP 1,5/14-STF-3,5	19 40 21 1	
	15	49	FK-MCP 1,5/15-STF-3,5	19 40 22 4	
	16	52.5	FK-MCP 1,5/16-STF-3,5	19 40 23 7	
	17	56	FK-MCP 1,5/17-STF-3,5	19 40 24 0	
	18	59.5	FK-MCP 1,5/18-STF-3,5	19 40 25 3	
	19	63	FK-MCP 1,5/19-STF-3,5	19 40 26 6	
	20	66.5	FK-MCP 1,5/20-STF-3,5	19 40 27 9	
(1) Marker card, with 14 pcs. 10-section marker strips, white, self-adhesive, for 140 terminal blocks			SK 3,5/2,8 (see COMBICON catalog)		
Technical data					
Dimensions			see description		
Pitch	[mm]		3.5		
Hole diameter	[mm]		-		
Pin dimensions	[mm]x[mm]		-		
Technical data in acc. with IEC/ DIN VDE					
Insulating material group			I		
Surge voltage category / contamination class			III / 3	III / 2	II / 2
Rated voltage	[V]		160	160	320
Rated surge voltage	[kV]		2.5	2.5	2.5
Nominal current / cross section	[A]/[mm²]			8 / 1.5	
Maximum load current / cross section	[A]/[mm²]			8 / 1.5	
Connection capacity					
Solid / stranded / conductor sizes	[mm²]/[mm²]/AWG		0.14 - 1.5 / 0.14 - 1.5 / 28 - 16		
Stranded with ferrule without / with plastic sleeve	[mm²]		0.25 - 1.5 / 0.25 - 0.5		
Multiple connection (2 conductors with same cross section)					
Solid / stranded	[mm²]		—		
Stranded with ferrules without plastic sleeve	[mm²]		—		
Stranded with TWIN ferrule with plastic sleeve	[mm²]		—		
Stripping length	[mm]		9		
Internal cylindrical gauge (IEC 60 947-1)			A1		
Thread			—		
Torque	[Nm]		—		
Insulating material			PA		
Inflammability class in acc. with UL 94			V0		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes	UL/CUL: [V]/[A]/AWG		300 / 8 / 28 - 16		
	CSA: [V]/[A]/AWG		300 / 8 / 28 - 16		

