

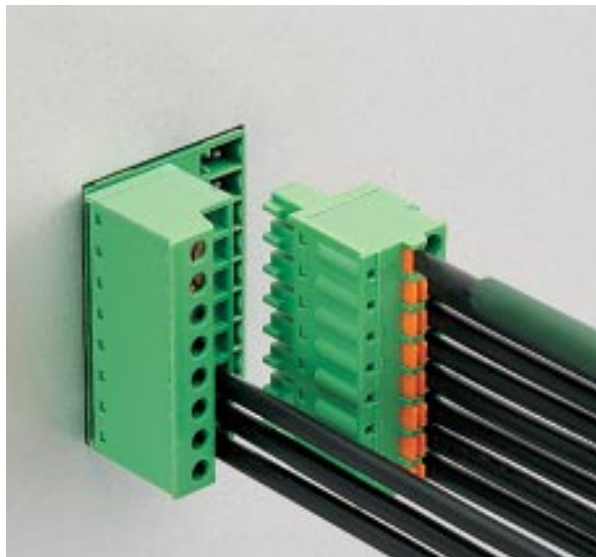
MINI COMBICON

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).

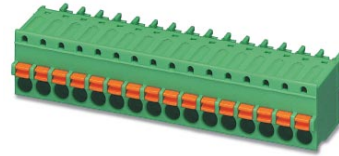
The terminal block can be operated from the front by taking a screwdriver to the opening lever. A test connection for a 1.2 mm \varnothing test pin is also integrated. In order to ensure a vibration-resistant connection with headers with a threaded flange, the plugs are also available with a screw flange.



MINI COMBICON

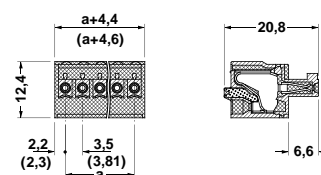
Spring Cage Plugs, 3.5 mm Pitch

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

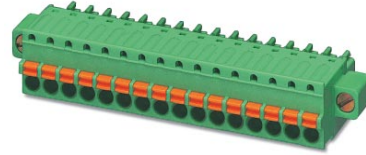


COMBICON plug connectors may only be actuated in the no-load condition. If smaller loads need to be switched for operational reasons, experimental values are available on request.

| 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 | | |

