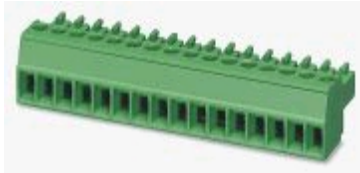


**MC 1,5/...-ST-...**

Plug,  
plug-in direction **parallel** to the conductor axis  
Pitch 3.5 or 3.81

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



Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
<b>Plugs, 3.5 mm pitch,</b> color: green	2	3.5	<b>MC 1,5/2-ST-3,5</b>	<b>18 40 36 6</b>	50
	3	7	<b>MC 1,5/3-ST-3,5</b>	<b>18 40 37 9</b>	
	4	10.5	<b>MC 1,5/4-ST-3,5</b>	<b>18 40 38 2</b>	
	5	14	<b>MC 1,5/5-ST-3,5</b>	<b>18 40 39 5</b>	
	6	17.5	<b>MC 1,5/6-ST-3,5</b>	<b>18 40 40 5</b>	
	7	21	<b>MC 1,5/7-ST-3,5</b>	<b>18 40 41 8</b>	
	8	24.5	<b>MC 1,5/8-ST-3,5</b>	<b>18 40 42 1</b>	
	9	28	<b>MC 1,5/9-ST-3,5</b>	<b>18 40 43 4</b>	
	10	31.5	<b>MC 1,5/10-ST-3,5</b>	<b>18 40 44 7</b>	
	11	35	<b>MC 1,5/11-ST-3,5</b>	<b>18 40 45 0</b>	
	12	38.5	<b>MC 1,5/12-ST-3,5</b>	<b>18 40 46 3</b>	
	13	42	MC 1,5/13-ST-3,5	18 40 47 6	
	14	45.5	<b>MC 1,5/14-ST-3,5</b>	<b>18 40 48 9</b>	
	15	49	MC 1,5/15-ST-3,5	18 40 49 2	
	16	52.5	<b>MC 1,5/16-ST-3,5</b>	<b>18 40 50 2</b>	
	17	56	MC 1,5/17-ST-3,5	18 40 51 5	
	18	59.5	MC 1,5/18-ST-3,5	18 40 52 8	
	19	63	MC 1,5/19-ST-3,5	18 40 53 1	
	20	66.5	MC 1,5/20-ST-3,5	18 40 54 4	
	<b>Plugs, 3.81 mm pitch,</b> color: green	2	3.81	<b>MC 1,5/2-ST-3,81</b>	
3		7.62	<b>MC 1,5/3-ST-3,81</b>	<b>18 03 58 1</b>	
4		11.43	<b>MC 1,5/4-ST-3,81</b>	<b>18 03 59 4</b>	
5		15.24	<b>MC 1,5/5-ST-3,81</b>	<b>18 03 60 4</b>	
6		19.05	<b>MC 1,5/6-ST-3,81</b>	<b>18 03 61 7</b>	
7		22.86	<b>MC 1,5/7-ST-3,81</b>	<b>18 03 62 0</b>	
8		26.67	<b>MC 1,5/8-ST-3,81</b>	<b>18 03 63 3</b>	
9		30.48	<b>MC 1,5/9-ST-3,81</b>	<b>18 03 64 6</b>	
10		34.29	<b>MC 1,5/10-ST-3,81</b>	<b>18 03 65 9</b>	
11		38.10	<b>MC 1,5/11-ST-3,81</b>	<b>18 03 66 2</b>	

12	41.91	<b>MC 1,5/12-ST-3,81</b>	<b>18 03 67 5</b>
13	45.72	MC 1,5/13-ST-3,81	18 03 68 8
14	49.53	<b>MC 1,5/14-ST-3,81</b>	<b>18 03 69 1</b>
15	53.34	MC 1,5/15-ST-3,81	18 03 70 1
16	57.15	<b>MC 1,5/16-ST-3,81</b>	<b>18 03 71 4</b>
17	60.96	MC 1,5/17-ST-3,81	18 40 32 4
18	64.77	MC 1,5/18-ST-3,81	18 40 33 7
19	68.58	MC 1,5/19-ST-3,81	18 40 34 0
20	72.39	MC 1,5/20-ST-3,81	18 40 35 3

**Accessories**

(1) <b>Screwdriver</b> , blade: 0.4 x 2.5 x 80 mm, length: 160 mm		<b>SZS 0,4 x 2,5</b>	<b>12 05 03 7</b>	10
(2) <b>Marker card</b> , with 14 pcs., 10-section marker strips, white, self-adhesive, for 140 terminal blocks		<b>SK 3,5/2,8 or SK 3,81/2,8</b> (see <a href="#">info 1</a> , <a href="#">info 2</a> )		

**Technical data****Dimensions**

see description

Pitch [mm] 3.5 / 3.81

**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]	160	160	320
Rated surge voltage	[kV]	2.5	2.5	2.5
Nominal current / cross section	[A]/[mm <sup>2</sup> ]		8 / 1.5	
Maximum load current / cross section	[A]/[mm <sup>2</sup> ]		8 / 1.5	

**Connection capacity**

solid / stranded / conductor sizes	[mm <sup>2</sup> ]/[mm <sup>2</sup> ]/AWG	0.14 - 1.5 / 0.14 - 1.5 / 28 - 16
stranded with ferrules without / with plastic collar	[mm <sup>2</sup> ]	0.25 - 1.5 / 0.25 - 0.5

**Multiple connection (2 conductors with same cross section)**

solid / stranded	[mm <sup>2</sup> ]	0.14 - 0.5 / 0.14 - 0.75
stranded with ferrules without plastic collar	[mm <sup>2</sup> ]	0.25 - 0.34
stranded with TWIN ferrules with plastic collar	[mm <sup>2</sup> ]	0.5

<b>Stripping length</b>	[mm]	7
<b>Internal cylindrical gage (IEC 947-1:1988)</b>	–	A 1
<b>Thread</b>	–	M 2
<b>Torque</b>	[Nm]	0.22 - 0.25

**Insulation material**

Inflammability class acc. to UL 94	V2
Temperature indices RTI/Ti	125/100

**Approval data (UL and CSA)**

Nominal voltage / current /  
conductor sizes

UL: [V] / [A] / AWG

300 / 8 / 30 - 14

CSA: [V] / [A] / AWG

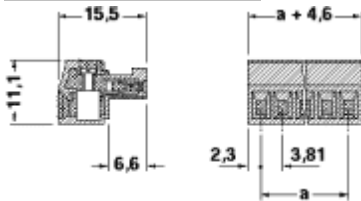
300 / 8 / 28 - 16

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

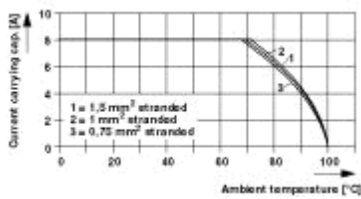
**Note:**

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.

**Dimensional drawing**



**Diagram**



Current carrying capacity depending on ambient temperature

Plug : MC 1,5/2-ST(F)-3,81(3,5)

Header : MC 1,5/2-ST(F)-3,81(3,5)

