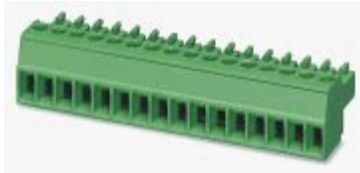


MC 1,5/...-ST-...

Plug,
plug-in direction **parallel** to the conductor axis

Pitch 3.5 or 3.81

(IEC)	rigid	flexible		I	U
[mm ²]	solid	stranded	AWG	[A]	[V]
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.
Plugs, 3.5 mm pitch, color: green	2	3.5	MC 1,5/2-ST-3,5	18 40 36 6	50
	3	7	MC 1,5/3-ST-3,5	18 40 37 9	
	4	10.5	MC 1,5/4-ST-3,5	18 40 38 2	
	5	14	MC 1,5/5-ST-3,5	18 40 39 5	
	6	17.5	MC 1,5/6-ST-3,5	18 40 40 5	
	7	21	MC 1,5/7-ST-3,5	18 40 41 8	
	8	24.5	MC 1,5/8-ST-3,5	18 40 42 1	
	9	28	MC 1,5/9-ST-3,5	18 40 43 4	
	10	31.5	MC 1,5/10-ST-3,5	18 40 44 7	
	11	35	MC 1,5/11-ST-3,5	18 40 45 0	
	12	38.5	MC 1,5/12-ST-3,5	18 40 46 3	
	13	42	MC 1,5/13-ST-3,5	18 40 47 6	
	14	45.5	MC 1,5/14-ST-3,5	18 40 48 9	
	15	49	MC 1,5/15-ST-3,5	18 40 49 2	
	16	52.5	MC 1,5/16-ST-3,5	18 40 50 2	
	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	
Plugs, 3.81 mm pitch, color: green	2	3.81	MC 1,5/2-ST-3,81	18 03 57 8	50
	3	7.62	MC 1,5/3-ST-3,81	18 03 58 1	
	4	11.43	MC 1,5/4-ST-3,81	18 03 59 4	
	5	15.24	MC 1,5/5-ST-3,81	18 03 60 4	
	6	19.05	MC 1,5/6-ST-3,81	18 03 61 7	
	7	22.86	MC 1,5/7-ST-3,81	18 03 62 0	
	8	26.67	MC 1,5/8-ST-3,81	18 03 63 3	
	9	30.48	MC 1,5/9-ST-3,81	18 03 64 6	
	10	34.29	MC 1,5/10-ST-3,81	18 03 65 9	
	11	38.10	MC 1,5/11-ST-3,81	18 03 66 2	

12	41.91	MC 1,5/12-ST-3,81	18 03 67 5
13	45.72	MC 1,5/13-ST-3,81	18 03 68 8
14	49.53	MC 1,5/14-ST-3,81	18 03 69 1
15	53.34	MC 1,5/15-ST-3,81	18 03 70 1
16	57.15	MC 1,5/16-ST-3,81	18 03 71 4
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) **Screwdriver**,
blade: 0.4 x 2.5 x 80 mm,
length: 160 mm  **SZS 0,4 x 2,5** **12 05 03 7** 10
- (2) **Marker card**, with 14 pcs.,
10-section marker strips, white,
self-adhesive, for 140 terminal blocks **SK 3,5/2,8 or SK 3,81/2,8**(see [info 1](#), [info 2](#))

Technical data

Dimensions

Pitch [mm] see description 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 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 ferrules without / with plastic collar [mm ²]	0.25 - 1.5 / 0.25 - 0.5

Multiple connection (2 conductors with same cross section)

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

Stripping length [mm]	7
Internal cylindrical gage (IEC 947-1:1988) –	A 1
Thread –	M 2
Torque [Nm]	0.22 - 0.25
Insulation material	PA
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

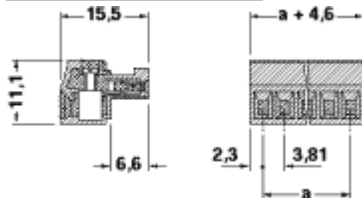
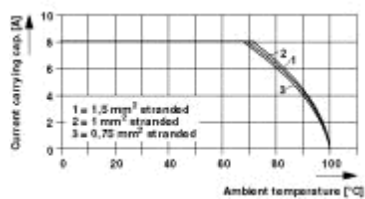
300 / 8 / 30 - 14

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)

