

EMC 1,5/...-G-...

Headers

Plug-in direction parallel to the p.c.b.

Pitch 3.5 or 3.81



	I	U
	[A]	[V]
Connection data	8	160

Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Headers, 3.5 mm pitch, color: green	2	3.5	EMC 1,5/2-G-3,5	18 97 09 2	50
	3	7	EMC 1,5/3-G-3,5	18 97 10 2	
	4	10.5	EMC 1,5/4-G-3,5	18 97 11 5	
	5	14	EMC 1,5/5-G-3,5	18 97 12 8	
	6	17.5	EMC 1,5/6-G-3,5	18 97 13 1	
	7	21	EMC 1,5/7-G-3,5	18 97 14 4	
	8	24.5	EMC 1,5/8-G-3,5	18 97 15 7	
	9	28	EMC 1,5/9-G-3,5	18 97 16 0	
	10	31.5	EMC 1,5/10-G-3,5	18 97 17 3	
	11	35	EMC 1,5/11-G-3,5	18 97 18 6	
	12	38.5	EMC 1,5/12-G-3,5	18 97 19 9	
	13	42	EMC 1,5/13-G-3,5	18 97 20 9	
	14	45.5	EMC 1,5/14-G-3,5	18 97 21 2	
	15	49	EMC 1,5/15-G-3,5	18 97 22 5	
	16	52.5	EMC 1,5/16-G-3,5	18 97 23 8	
Headers, 3.81 mm pitch, color: green,	2	3.81	EMC 1,5/2-G-3,81	18 97 80 1	50
	3	7.62	EMC 1,5/3-G-3,81	18 97 81 4	
	4	11.43	EMC 1,5/4-G-3,81	18 97 82 7	
	5	15.24	EMC 1,5/5-G-3,81	18 97 83 0	
	6	19.05	EMC 1,5/6-G-3,81	18 97 84 3	
	7	22.86	EMC 1,5/7-G-3,81	18 97 85 6	
	8	26.67	EMC 1,5/8-G-3,81	18 97 86 9	
	9	30.48	EMC 1,5/9-G-3,81	18 97 87 2	
	10	34.29	EMC 1,5/10-G-3,81	18 97 88 5	
	11	38.10	EMC 1,5/11-G-3,81	18 97 89 8	
	12	41.91	EMC 1,5/12-G-3,81	18 97 90 8	
	13	45.72	EMC 1,5/13-G-3,81	18 97 91 1	

14	49.53	EMC 1,5/14-G-3,81	18 97 92 4
15	53.34	EMC 1,5/15-G-3,81	18 97 93 7
16	57.15	EMC 1,5/16-G-3,81	18 97 94 0

Accessories

(1) **Coding section**, is inserted into the slot on the header, red insulating material

**CP-MSTB**

17 34 63 4

100

(2) **Stamp holder**, for upper and lower stamp

EMC 1,5-SH

12 04 50 4

1

(3) **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 info](#))
Technical Data

Dimensions		see description
Pitch	[mm]	3.5 / 3.81
Hole diameter	[mm]	1.45 +/- 0.025
Pin dimensions	[mm]	0.8 x 0.8

Technical data in accordance with IEC / DIN VDE

Insulation material group	—		IIIa	
Surge voltage category / contamination class	—/—	III / 3	III / 2	II / 2
Rated voltage	[V]	160	160	250
Rated surge voltage	[kV]	2.5	2.5	2.5
Nominal current / cross section	[A]/[mm ²]		8 / —	
Maximum load current / cross section	[A]/[mm ²]		8 / —	

Insulation material

PBT

Inflammability class acc. to UL 94

V0

Temperature indices RTI/Ti

140 / 120

Approval data (UL and CSA)
 Nominal voltage / current /
 conductor sizes

UL: [V] / [A] / AWG

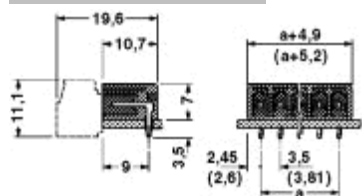
submitted

CSA /CUL:[V] / [A] / AWG

submitted

Note:

Only actuate COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available upon request.

Dimensional drawing**Circuit diagram**