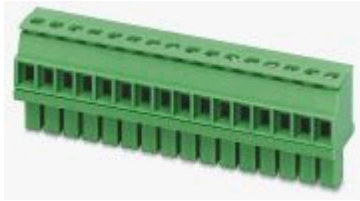


MCVW 1,5/...-ST-...

Plug-in direction vertical to the conductor axis,
connection point facing the
rippled side of the header

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	MCVW 1,5/2-ST-3,5	18 62 85 2	50
	3	7	MCVW 1,5/3-ST-3,5	18 62 86 5	
	4	10.5	MCVW 1,5/4-ST-3,5	18 62 87 8	
	5	14	MCVW 1,5/5-ST-3,5	18 62 88 1	
	6	17.5	MCVW 1,5/6-ST-3,5	18 62 89 4	
	7	21	MCVW 1,5/7-ST-3,5	18 62 90 4	
	8	24.5	MCVW 1,5/8-ST-3,5	18 62 91 7	
	9	28	MCVW 1,5/9-ST-3,5	18 62 92 0	
	10	31.5	MCVW 1,5/10-ST-3,5	18 62 93 3	
	11	35	MCVW 1,5/11-ST-3,5	18 62 94 6	
	12	38.5	MCVW 1,5/12-ST-3,5	18 62 95 9	
	13	42	MCVW 1,5/13-ST-3,5	18 62 96 2	
	14	45.5	MCVW 1,5/14-ST-3,5	18 62 97 5	
	15	49	MCVW 1,5/15-ST-3,5	18 62 98 8	
	16	52.5	MCVW 1,5/16-ST-3,5	18 62 99 1	
Plugs, 3.81 mm pitch, color: green	2	3.81	MCVW 1,5/2-ST-3,81	18 26 97 9	50
	3	7.62	MCVW 1,5/3-ST-3,81	18 26 98 2	
	4	11.43	MCVW 1,5/4-ST-3,81	18 26 99 5	
	5	15.24	MCVW 1,5/5-ST-3,81	18 27 00 4	
	6	19.05	MCVW 1,5/6-ST-3,81	18 27 01 7	
	7	22.86	MCVW 1,5/7-ST-3,81	18 27 02 0	
	8	26.67	MCVW 1,5/8-ST-3,81	18 27 03 3	
	9	30.48	MCVW 1,5/9-ST-3,81	18 27 04 6	
	10	34.29	MCVW 1,5/10-ST-3,81	18 27 05 9	
	11	38.10	MCVW 1,5/11-ST-3,81	18 27 06 2	
	12	41.91	MCVW 1,5/12-ST-3,81	18 27 07 5	
	13	45.72	MCVW 1,5/13-ST-3,81	18 27 08 8	
	14	49.53	MCVW 1,5/14-ST-3,81	18 27 09 1	

15	53.34	MCVW 1,5/15-ST-3,81	18 27 10 1
16	57.15	MCVW 1,5/16-ST-3,81	18 27 11 4

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**

see description

Pitch / conductor sizes [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 ²]		8 / 1.5	
Maximum load current / cross section	[A]/[mm ²]		8 / 1.5	

Connection capacitysolid / stranded / conductor sizes [mm²]/[mm²]/AWG 0.14 - 1.5 / 0.14 - 1.5 / 28 - 16stranded with ferrules without / with plastic collar [mm²] 0.25 - 1.5 / 0.25 - 0.5**Multiple connection (2 conductors with same cross section)**solid / stranded [mm²] 0.14 - 0.5 / 0.14 - 0.75stranded with ferrules without plastic collar [mm²] 0.25 - 0.34stranded with TWIN ferrules with plastic collar [mm²] 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 V0

Temperature indices RTI/Ti 130/120

Approval data (UL and CSA)

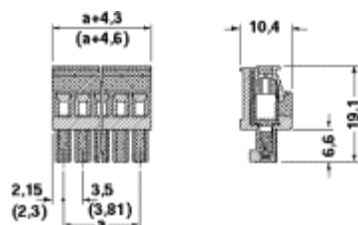
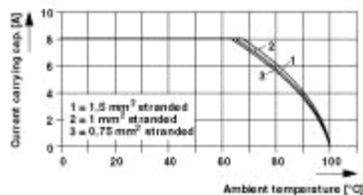
Nominal voltage / current / UL: [V] / [A] / AWG 300 / 8 / 30 - 14

conductor sizes 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 capacity depending on ambient temperature

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

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

