

MCVR 1,5/...-ST-...

Plug-in direction vertical to the conductor axis,
connection point facing the
coded 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	MCVR 1,5/2-ST-3,5	18 63 15 2	50
	3	7	MCVR 1,5/3-ST-3,5	18 63 16 5	
	4	10.5	MCVR 1,5/4-ST-3,5	18 63 17 8	
	5	14	MCVR 1,5/5-ST-3,5	18 63 18 1	
	6	17.5	MCVR 1,5/6-ST-3,5	18 63 19 4	
	7	21	MCVR 1,5/7-ST-3,5	18 63 20 4	
	8	24.5	MCVR 1,5/8-ST-3,5	18 63 21 7	
	9	28	MCVR 1,5/9-ST-3,5	18 63 22 0	
	10	31.5	MCVR 1,5/10-ST-3,5	18 63 23 3	
	11	35	MCVR 1,5/11-ST-3,5	18 63 24 6	
	12	38.5	MCVR 1,5/12-ST-3,5	18 63 25 9	
	13	42	MCVR 1,5/13-ST-3,5	18 63 26 2	
	14	45.5	MCVR 1,5/14-ST-3,5	18 63 27 5	
	15	49	MCVR 1,5/15-ST-3,5	18 63 28 8	
	16	52.5	MCVR 1,5/16-ST-3,5	18 63 29 1	
Plugs, 3.81 mm pitch, color: green	2	3.81	MCVR 1,5/2-ST-3,81	18 27 12 7	50
	3	7.62	MCVR 1,5/3-ST-3,81	18 27 13 0	
	4	11.43	MCVR 1,5/4-ST-3,81	18 27 14 3	
	5	15.24	MCVR 1,5/5-ST-3,81	18 27 15 6	
	6	19.05	MCVR 1,5/6-ST-3,81	18 27 16 9	
	7	22.86	MCVR 1,5/7-ST-3,81	18 27 17 2	
	8	26.67	MCVR 1,5/8-ST-3,81	18 27 18 5	
	9	30.48	MCVR 1,5/9-ST-3,81	18 27 19 8	
	10	34.29	MCVR 1,5/10-ST-3,81	18 27 20 8	
	11	38.10	MCVR 1,5/11-ST-3,81	18 27 21 1	
	12	41.91	MCVR 1,5/12-ST-3,81	18 27 22 4	
	13	45.72	MCVR 1,5/13-ST-3,81	18 27 23 7	
	14	49.53	MCVR 1,5/14-ST-3,81	18 27 24 0	

15	53.34	MCVR 1,5/15-ST-3,81	18 27 25 3
16	57.15	MCVR 1,5/16-ST-3,81	18 27 26 6

Accessories

- (1) **Screwdriver**,
blade: 0.4 x 2.5 x 80 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 [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 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 V0

Temperature indices RTI/Ti 130/120

Approval data (UL and CSA)

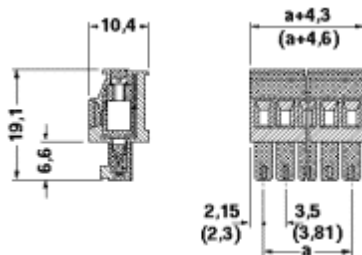
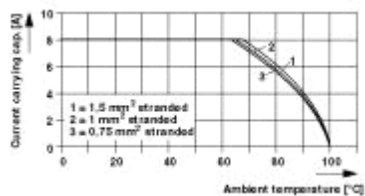
Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	300 / 8 / 30 - 14
	CSA: [V] / [A] / AWG	300 / 8 / 28 - 16

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 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)

