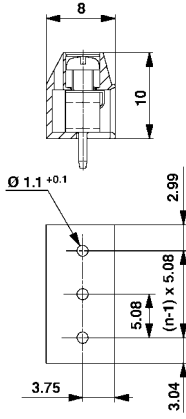


PM 5.08/90

new



Technical data	VDE	UL	CSA
Rated voltage (V)	250*	300	300
Rated current (A)	17.5	16	10
Wire size (mm ² /AWG)	1.5	24...14	14

*Pollution severity 3 / Overvoltage category III
Additional technical data see page 50

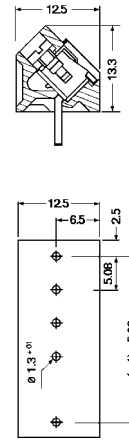
Solder pin length 3.5 mm 3.5 mm

Color

Poles	Type	Part No.	Part No.	Qty.
2	PM 5.08/2/90	1760490000	1760510000	500
3	PM 5.08/3/90	1760500000	1760520000	500
4	PM 5.08/4/90	67600961	67600974	
5	PM 5.08/5/90	67600962	67600975	
6	PM 5.08/6/90	67600963	67600976	
7	PM 5.08/7/90	67600964	67600977	
8	PM 5.08/8/90	67600965	67600978	
9	PM 5.08/9/90	67600966	67600979	
10	PM 5.08/10/90	67600967	67600980	
11	PM 5.08/11/90	67600968	67600981	
12	PM 5.08/12/90	67600969	67600982	
13	PM 5.08/13/90	67600970	67600983	
14	PM 5.08/14/90	67600971	67600984	
15	PM 5.08/15/90	67600972	67600985	
16	PM 5.08/16/90	67600973	67600986	

Accessories	Page
Marking	42
Mounting	-
Miscellaneous	45

MK8 5.08/135



Technical data	VDE	UL	CSA
Rated voltage (V)	60*	150	150
Rated current (A)	16	15	15
Wire size (mm ² /AWG)	1.5	22...12	14

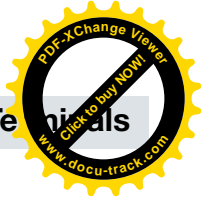
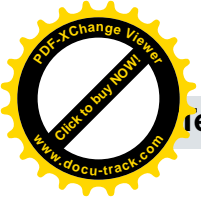
*Pollution severity 3 / Overvoltage category III
Additional technical data see page 51

Solder pin length 5.0 mm

Color

Poles	Type	Part No.	Qty.
2	MK8 5.08/2/135	0332060000	200
3	MK8 5.08/3/135	0307860000	100
4	MK8 5.08/4/135	0307760000	100
10	MK8 5.08/10/135	0302660000	50

Accessories	Page
Marking	42
Mounting	-
Miscellaneous	45



Materials	MK8 5.08			MK7.5			
Insulation material	PA 66			PA 66			
Color ¹⁾	orange			orange			
Temperature range	-20...+100 °C			-20...+100			
Flammability class.	UL94 V-2			V-2			
Contact base material	CuZn			CuZn			
Contact plating	tin-plated			tin-plated			
System characteristic values							
Pitch	mm	5.08			7.50		
Connection method		leaf spring connection			leaf spring connection		
Solder pin length	mm	5.0			5.0		
PCB hole diameter	Ømm	1.3 ^{+0.1}			1.3 ^{+0.1}		
Insulation stripping length	mm	6.0			6.0		
Clamping screw	M	2.5			2.5		
Insulation resistance	MΩ	≥ 10 ³			≥ 10 ³		
Through resistance	mΩ	≤ 0.5			≤ 0.5		
Torque ⁴⁾	Nm	0.4...0.5			0.4...0.5		
Conductor size							
Clamping range	mm ²	0.5...1.5			0.5...1.5		
"e" solid H05(07) V-U	mm ²	0.5...1.5			0.5...1.5		
"f" flexible H05(07) V-K	mm ²	0.5...1.5			0.5...1.5		
"f" with ferrule to DIN 46228/1	mm ²	0.5...1.0			0.5...1.0		
...with plastic collar to DIN 46228/4	mm ²	-			-		
Gauge to EN 60999	mm (size)	2.4 x 1.5 (A1)			2.4 x 1.5 (A1)		
VDE 0110 1.89 rated data							
Rated cross-section to EN 60999	mm ²	1.5			1.5		
Rated current ³⁾	A	16			16		
Overvoltage category / Pollution severity		III/3	III/2	II/2	III/3	III/2	II/2
Rated voltage	V	60	100	150	250	400	630
Impulse voltage	kV	1.5	1.5	1.5	4.0	4.0	4.0
UL rated data							
Rated voltage (industrial)	V~	150			300		
Rated current	A	15			16		
AWG conductor (field wiring)		22...12			22...12		
CSA rated data							
Rated voltage (industrial)	V~	150			300		
Rated current	A	15			10		
AWG conductor (field wiring)		14			16		
Application notes							
1) additional colors on request (minimum order quantity may apply)		Ordering data: page 18			Ordering data: page 30		
3) referred to 20°C ambient temperature, rated cross-section and number of poles							

For PCB mounting, the rated data given in the catalog relates only to the connection elements. The necessary creepage and clearance paths must be observed in connection with the respective applicant in accordance with VDE 0110. The current-carrying capacity is determined according to DIN IEC 326 part 3.

Weidmuller connectors are tested according to the DIN VDE 0627 standard, and are valid for its field of applications. Provided that the connectors are used for the intended purpose, all requirements with respect to the occurrence of electrical, mechanical, thermic and corrosive stress will be satisfied.