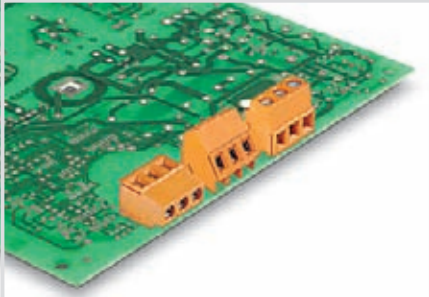


LM 5.08



Single-row PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 2.5 mm².

- Increased derating reserves because WEMID insulating material is used.
- Wire outlet direction: 90°, 135° and 180°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

Product data

IEC: 630 V / 17.5 A / 0.2 - 2.5 mm²
 UL: 300 V / 15 A / AWG 24 - 14

For additional articles and information, refer to catalog.weidmueller.com

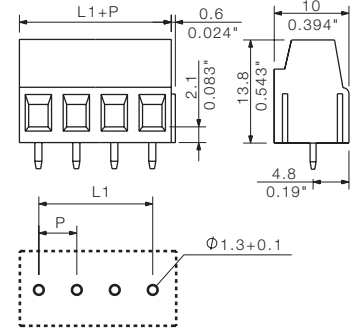
Note:

- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

LM 5.08/..90



Dimensioned drawing




Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm ²	0.2...2.5	
Solid core H05(07) V-U	mm²	0.2...2.5	
Stranded H07 V-R			
Flexible H05(07) V-K	mm ²	0.2...1.5	
Flexible with ferrule	mm ²	0.25...1.5	
Ferrule with plastic collar	mm ²	0.25...1.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.4...0.5	
Rated current, max.	A	17.5	17.5
At ambient temperature		20°C	40°C
For conductor cross-section	mm ²	1.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
Rated voltage	V	250	320 630
Rated impulse voltage	kV	4	4 4
UL / CUL (Use Group)		B	C D
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor	AWG	24-14	
CSA (Use Group)		B	C D
Rated voltage	V	300	300
Rated current	A	18	10
AWG conductor	AWG	24-14	
General data			
Type of insulation material		Wemid (PA)	
Flammability class UL 94		V-0	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.95 x 0.8	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Screwdriver		Order No.
	SD 0,6x3,5x100	9008330000
	SDI 0,6x3,5x100	9008390000

Ordering data

Solder pin length	3.5 mm			
Colour	orange			
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	500	1716080000
3	10.16	0.400	500	1716090000
4	15.24	0.600	50	9994130000
5	20.32	0.800	50	9994140000
6	25.40	1.000	50	9994150000
7	30.48	1.200	50	9994160000
8	35.56	1.400	50	9994170000
9	40.64	1.600	50	9994180000
10	45.72	1.800	50	9994190000
11	50.80	2.000	50	9994200000
12	55.88	2.200	50	9994210000
13	60.96	2.400	50	9994220000
14	66.04	2.600	50	9994230000
15	71.12	2.800	50	9994240000
16	76.20	3.000	50	9994250000
17	81.28	3.200	50	9994260000
18	86.36	3.400	50	9994270000
19	91.44	3.600	50	9994280000
20	96.52	3.800	50	9994290000
21	101.60	4.000	50	9994300000
22	106.68	4.200	50	9994310000
23	111.76	4.400	50	9994320000
24	116.84	4.600	50	9994330000

Representative derating curve

