

# Printed circuit board terminals Tension Clamp

## Features:

Spring actuation in parallel or perpendicular to the conductor

Short wiring time

## Printed Circuit Board Terminals with Tension Clamp

Short wiring time is the main feature of the LMZF 5.08 90°, 180° and 135° printed circuit board terminals with tension clamp connection.

Depending on the variant, the conductor may be inserted in parallel or perpendicular to the printed circuit board. Two soldering pins securely anchor the terminal on the printed circuit board and prevent damages to the soldering eyelet even if high actuating forces are applied.

## P.C.B. Terminal

- Screw Clamp
- 5.08mm Pitch
- 2...12 Poles
- Colour - Orange\*
- 4mm<sup>2</sup> max. wire size (solid)
- 3.2mm P.C. pin length\*\*

\* Other colours available on request

\*\* 4.5mm P.C. pin length on request

## Technical Data

Insulating Material	PA66
Flammability class	UL 94 V2
Screw Clamp Material	Case hard st./Zc pl. & passivated
Solder Pin Material	Cu/SnPb plated

## Dimensions

Pitch	5.08mm
PCB Hole	Ø 1.3 + 0.1mm
Insulation Stripping Length	7mm (11mm LPZF)
Clamping Screw Thread	M3

## Conductor Clamping

Max. Clamping Range	0.14...1.5mm <sup>2</sup>
Solid	0.14...1.5mm <sup>2</sup>
Flexible	0.5...1.5mm <sup>2</sup>
AWG Conductors	No. 26...16
Gauge to DIN/EN 50027	Size A3

## VDE Rated Data

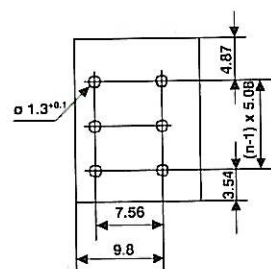
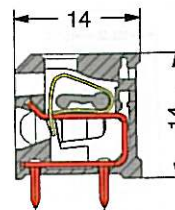
Nominal Conductor	1.5mm <sup>2</sup>
Rated Current	16A
Rated Voltage (0110.1.89)	250V a.c.
Insulation Group	3
Test Torque	0.5 Nm

## UL Rated Data

Rated Voltage	Industrial 300V a.c.
Rated Current	10A
Conductor Sizes	26...16AWG

## LMZF 5.08/2...12/90

Tension Clamp  
90° Cable Entry  
Single Level



## Ordering Data

Note:

For the mounting of PCBs, it should be noted that the ratings in this catalogue relate only to Connectors. The necessary PCB creepage and clearance paths must be determined in accordance with VDE 01 10b. The current capacity of the PCBs is to be observed according to DIN IEC 326 part3.

Poles	Description	Cat. No.
2	LMZF 5.08/2/90 3.2	170143
3	LMZF 5.08/3/90 3.2	170144
4	LMZF 5.08/4/90 3.2	172137
5	LMZF 5.08/5/90 3.2	170145
6	LMZF 5.08/6/90 3.2	172138
7	LMZF 5.08/7/90 3.2	172139
8	LMZF 5.08/8/90 3.2	172140
9	LMZF 5.08/9/90 3.2	172141
10	LMZF 5.08/10/90 3.2	172142
11	LMZF 5.08/11/90 3.2	172143
12	LMZF 5.08/12/90 3.2	172144

## Approvals



Applied for  
Applied for

## Accessories

Marking

DEK 5 - See accessory section