

# OMNIMATE Signal PCB Terminals

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# OMNIMATE Signal PCB Terminals

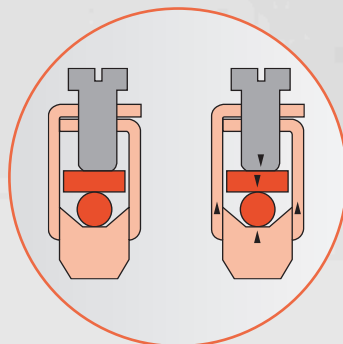
## Flexible and versatile available in pitches from 3.5 to 9.52 mm

A wide variety of application requirements from the industrial automation and control fields are solved globally using the components from the comprehensive OMNIMATE Signal PCB terminal range. You can find a suitable solution for almost any application, whether in terms of the conductor outlet direction, the pitch, the wire cross-section to be clamped, the required contact density through multi-level varieties or the sort of connection you want.



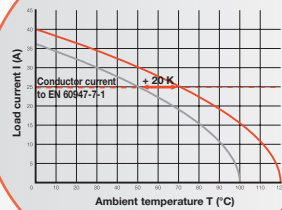
### Standard-compliant integration

Following relevant international guidelines/standards and Weidmüller's laboratory accreditation ensure highest quality standards for use globally.



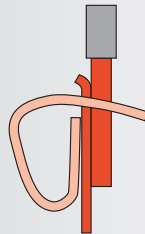
### Screw connection system

The automatically counter-operating Weidmüller steel clamping yoke uses force generated by tightening the screw to open the upper thread overlap. Settling of the connected wires and vibrations are compensated for and this guarantees maintenance-free operation. Subsequent tightening and maintenance of the screw is not needed.



#### Power reserve for safety

The high performance insulating material WEMID with a continuous operating temperature of 120 °C for higher load currents and ambient temperatures. OMNIMATE Signal PCB terminals already exceed the standard PA working temperature (100 °C) of many product families by 20 °K, this allows more power reserves and increased safety during temperature fluctuations or overloads.



#### Tension clamp connection system

Simple and fast - the universal screw-less connector with a steel spring. Ideal for PCB installation terminals where it is important that the connections are secure. Single row, with or without an operating lever to open the terminal point with a wire cross-section of up to 2.5 mm<sup>2</sup>. Higher connector density with double, or triple level variations with a pitch of 5.08 mm and clamping range of up to 2 mm<sup>2</sup>.



**60335-1**

#### Fire resistance

The high-quality plastics used in many of the product families in the OMNIMATE Signal product line meet the higher fire safety requirements according to the domestic appliance standard IEC 60335-1.

**PUSH IN**



#### PUSH IN connection system

The innovative quick connector – simple, safe and economical. Direct insertion of solid-core wires and stranded wires with ferrules when used with the LSF-SMT series.

## OMNIMATE Signal PUSH IN PCB terminals

### Spring connection LSF-SMT is available in pitches from 3.5 to 7.62 mm

The innovative quick connector - simple, safe and economical.

Its compact dimensions and surprising performance of 17.5 A / 800 V (IEC) means that the LSF-SMT meets the market push for miniaturisation. The OMNIMATE Signal PCB terminals LSF-SMT offer you a wide pitch range from 3.5 to 7.62 mm, in various conductor outlet directions (90°/135°/180°) to the PCB for connections of wire cross-sections of up to 1.5 mm<sup>2</sup>. The use of high-quality materials guarantees maximum cost effectiveness in the manufacture of electronic assemblies.

B



#### SMT/THR process compatible

The compact design and packaging (tape-on-reel) for the automatic pick and place systems of your SMT production lines means that production costs are further reduced for electronic components.



#### Form stability for the reflow soldering process

The high-temperature-resistant insulating material LCP used in the LSF-SMT range, is characterised by its form and dimensional stability. Due to low moisture absorption, the LSF-SMT can be immediately used in the Reflow THR soldering process without an extra drying phase. The uninterrupted production process from automated assembly to soldering is optimally achieved and saves you time and money.



#### Flexible processing

With a pin length of 3.5 mm for hand and wave soldering, or 1.5 mm for reflow soldering (THR) there are standard models available even for double sided assembled PCBs.

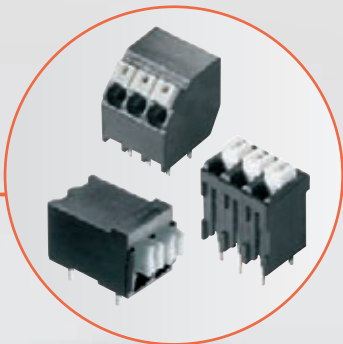




60335-1

#### Fire resistance

The high-quality plastics used meet the higher fire safety requirements according to the domestic appliance standard IEC 60335-1.



#### Design flexibility

With the conductor outlet directions of 90°/135° and 180° over all pitches from 3.5 to 7.62 mm, all design options are possible.



#### Marking and mapping

Terminal points can be distinctively marked with coloured push buttons or individual printing.

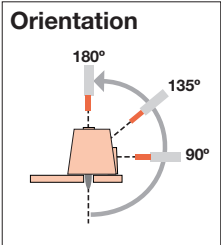
**PUSH IN**






















#### Safe and efficient

Solid conductors or wires with ferrules up to 1.5 mm<sup>2</sup> can be connected with the rapid spring-connection technology PUSH IN, and released using the integrated push buttons. Amazingly simple and simply amazing in practice.

OMNIMATE Signal – PCB Terminals  
Quick selection

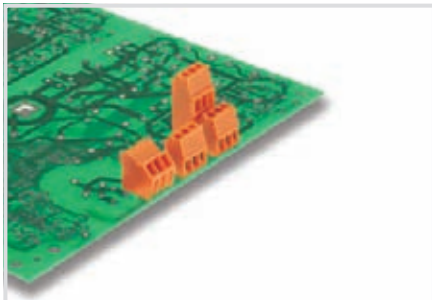


Type of connection		Clamping range	Type / Page	Orientation	Reflow
Screw	Clamping yoke	≤ 1.5 mm <sup>2</sup>	  <b>LM</b> Page B.8	90°	
				135°	
				180°	
		≤ 2.5 mm <sup>2</sup>	 <b>LS</b> Page B.12	90°	
		≤ 6.0 mm <sup>2</sup>	   <b>LM</b> Page B.14	90°	
				135°	
			   <b>LP</b> Page B.22	180°	
		≤ 6.0 mm <sup>2</sup>	   <b>LL</b> Page B.36	90°	
	TOP	≤ 2.5 mm <sup>2</sup>	 <b>TOP1.5GS</b> Page B.44	90°	
				180°	
		≤ 6.0 mm <sup>2</sup>	 <b>TOP4GS</b> Page B.48	90°	
				180°	
	Leaf spring	≤ 1.5 mm <sup>2</sup>	 <b>PS</b> Page B.52	90°	
Spring	PUSH IN	≤ 1.5 mm <sup>2</sup>	 <b>LSF-SMT</b> Page B.56	90°	●
				135°	●
				180°	●
	Tension clamp	≤ 2.5 mm <sup>2</sup>	   <b>LMZF</b> Page B.92	135°	

Pitch, in mm	3.50		3.81	5.00			5.08			6.35	7.50	7.62	9.52		10.00	10.16
	1	2	1	1	2	3	1	2	3	1	1	1	1	2	1	1
	●	●														
	●															
	●															
							●									
				●			●	●	●							
				●			●									
				●			●									
				●	●		●	●	●		●	●			●	●
				●			●				●	●				
				●			●				●	●				
				●	●	●	●	●	●				●	●		
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				●			●	●	●		●	●			●	●

## Clamping yoke screw connection

### LM 3.5



Small, compact PCB Terminal with the proven clamping-yoke screw connection in 3.5 mm pitch, suitable for wire cross-sections up to 1.5 mm².

- Wire outlet direction: 90° and 135°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Product data

IEC: 320 V / 16 A / 0.5 - 1.5 mm²  
UL: 300 V / 10 A / AWG 28 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

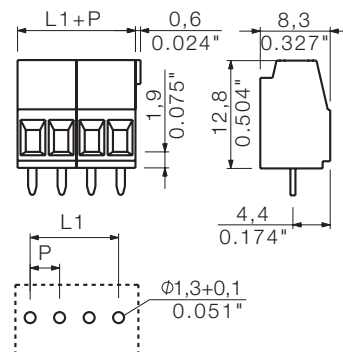
#### Note:

- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- 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 3.5/.. /90



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm²	0.08...2.08
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.5...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm²	0.5...1.5
Flexible with ferrule	mm²	
Ferrule with plastic collar	mm²	0.5...0.75
Stripping length	mm	5
Screwdriver blade	mm	0.4 x 2.5
According to norm		DIN 5264
Tightening torque range	Nm	0.2...0.25
<b>Rated current, max.</b>	<b>A</b>	<b>16 14</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm²	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	28-14

#### General data

Type of insulation material	PA
Flammability class UL 94	V-2
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 1.0 x 0.6
Solder eyelet Ø = D	mm 1.3
Solder eyelet Ø tolerance	mm + 0,1

### Accessories

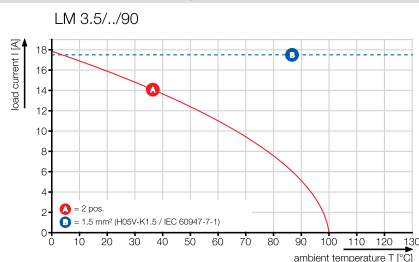
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### Ordering data

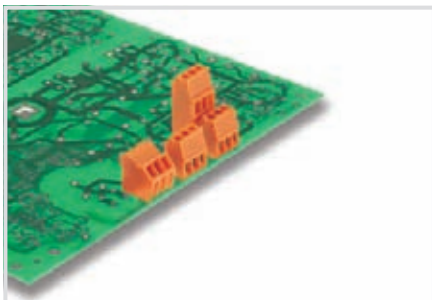
Solder pin length				3.2 mm
Colour				orange
Pitch	3.50 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	3.50	0.138	100	1667750000
3	7.00	0.276	100	1667770000
4	10.50	0.413	100	1845040000
5	14.00	0.551	100	1720250000
6	17.50	0.689	50	1845050000
7	21.00	0.827	50	1845060000
8	24.50	0.965	50	1845070000
9	28.00	1.102	50	1845080000
10	31.50	1.240	50	1845090000
11	35.00	1.378	50	1845100000
12	38.50	1.516	50	1845110000

#### Representative derating curve





## LM 3.5



Small, compact PCB Terminal with the proven clamping-yoke screw connection in 3.5 mm pitch, suitable for wire cross-sections up to 1.5 mm<sup>2</sup>.

- Wire outlet direction: 90° and 135°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

## Product data

IEC: 320 V / 16 A / 0.5 - 1.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 28 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

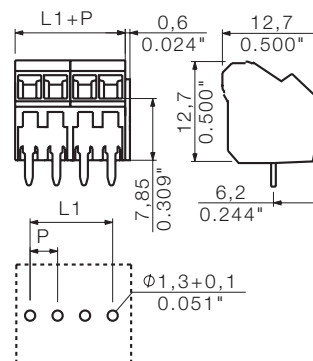
## Note:

- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- 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 3.5/..135



## Dimensioned drawing



## Technical data

## In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.08...2.08
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...1.5
Flexible with ferrule	mm <sup>2</sup>	
Ferrule with plastic collar	mm <sup>2</sup>	0.5...0.75
Stripping length	mm	5
Screwdriver blade	mm	0.4 x 2.5
According to norm		DIN 5264
Tightening torque range	Nm	0.2...0.25
<b>Rated current, max.</b>	<b>A</b>	<b>16 14</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	28-14
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	1.0 x 0.6
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

## Accessories

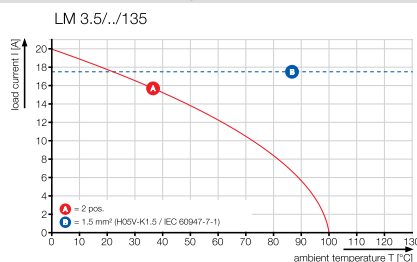
Note: Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

## Ordering data

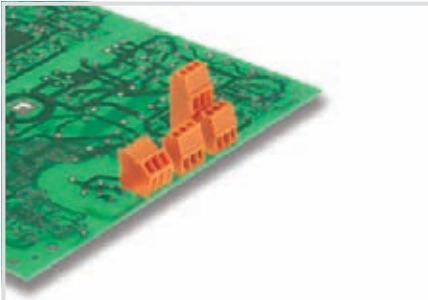
Solder pin length				3.2 mm
Colour				orange
Pitch		3.50 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	3.50	0.138	100	1714980000
3	7.00	0.276	100	1715020000
4	10.50	0.413	100	1845220000
5	14.00	0.551	50	1845230000
6	17.50	0.689	50	1845240000
7	21.00	0.827	50	1845250000
8	24.50	0.965	50	1845260000
9	28.00	1.102	50	1845270000
10	31.50	1.240	50	1845280000
11	35.00	1.378	50	1845290000
12	38.50	1.516	50	1845300000

## Representative derating curve



## Clamping yoke screw connection

### LM 3.5



Small, compact PCB Terminal with the proven clamping-yoke screw connection in 3.5 mm pitch, suitable for wire cross-sections up to 1.5 mm².

- Wire outlet direction: 90° and 135°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.08...2.08	
<b>Solid core H05(07) V-U</b>	mm²	<b>0.5...1.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.5...1.5	
Flexible with ferrule	mm²		
Ferrule with plastic collar	mm²	0.5...0.75	
Stripping length	mm	5	
Screwdriver blade	mm	0.4 x 2.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.2...0.25	
<b>Rated current, max.</b>	<b>A</b>	<b>13</b>	<b>11</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	1.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>	
Rated impulse voltage	kV	2.5 2.5 2.5	
<b>UL / CUL (Use Group)</b>	<b>B C D</b>		
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>	
<b>Rated current</b>	<b>A</b>	<b>10 10</b>	
<b>AWG conductor</b>	<b>AWG</b>	<b>28-14</b>	
<b>CSA (Use Group)</b>	<b>B C D</b>		
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor	AWG	28-14	
<b>General data</b>			
Type of insulation material		PA	
Flammability class UL 94		V-2	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	1.0 x 0.6	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 320 V / 13 A / 0.5 - 1.5 mm²  
UL: 300 V / 10 A / AWG 28 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

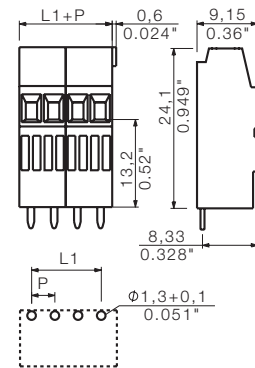
#### Note:

- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- 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.

### LM1N 3.5/.. /90



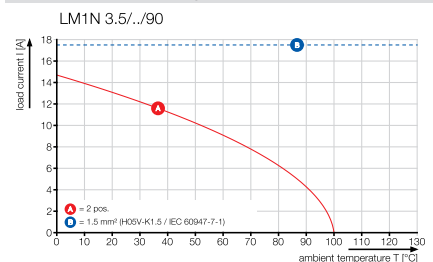
#### Dimensioned drawing



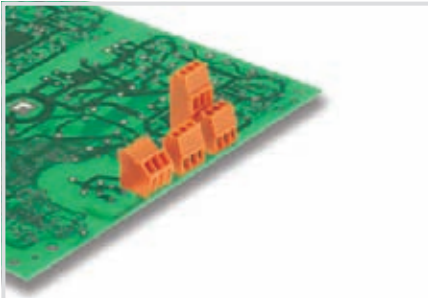
### Ordering data

Solder pin length			3.2 mm	
Colour			orange	
Pitch 3.50 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	3.50	0.138	100	1716710000
3	7.00	0.276	100	1716720000

#### Representative derating curve



## LM 3.5



Small, compact PCB Terminal with the proven clamping-yoke screw connection in 3.5 mm pitch, suitable for wire cross-sections up to 1.5 mm<sup>2</sup>.

- Wire outlet direction: 90° and 135°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

## Product data

IEC: 320 V / 13 A / 0.5 - 1.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 28 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

## Note:

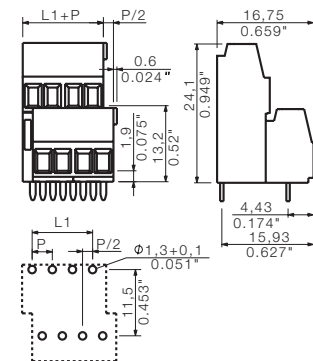
- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Max. O.D. of conductor: 2.9 mm
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

## LM2N 3.5/..90

## Multi level



## Dimensioned drawing



## Technical data

## In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.08...2.08
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...1.5
Flexible with ferrule	mm <sup>2</sup>	
Ferrule with plastic collar	mm <sup>2</sup>	0.5...0.75
Stripping length	mm	5
Screwdriver blade	mm	0.4 x 2.5
According to norm		DIN 5264
Tightening torque range	Nm	0.2...0.2
<b>Rated current, max.</b>	<b>A</b>	<b>13 11</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	28-14

## General data

Type of insulation material	PA
Flammability class UL 94	V-2
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 1.0 x 0.6
Solder eyelet Ø = D	mm 1.3
Solder eyelet Ø tolerance	mm + 0,1

## Accessories

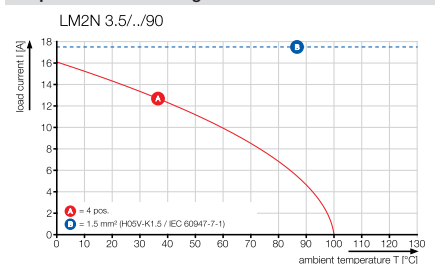
Note: Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
 SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

## Ordering data

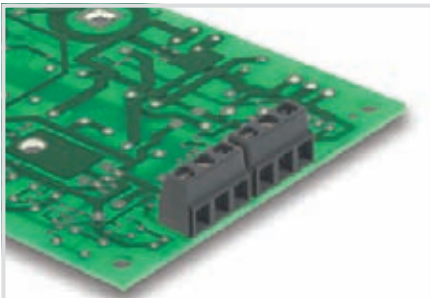
Solder pin length		3.2 mm		
Colour		orange		
Pitch	3.50 mm			
Pol.	L1	(inch)	Qty.	Order No.
4	3.50	0.138	100	1703700000
6	7.00	0.276	100	1703710000
8	10.50	0.413	100	1703720000
10	14.00	0.551	50	1703730000
12	17.50	0.689	50	1703740000
14	21.00	0.827	50	1703750000
16	24.50	0.965	50	1703760000
18	28.00	1.102	50	1703770000
20	31.50	1.240	50	1703780000
22	35.00	1.378	25	1703790000
24	38.50	1.516	25	1703800000
26	42.00	1.654	25	1703810000
28	45.50	1.791	25	1703820000
30	49.00	1.929	25	1703830000
32	52.50	2.067	25	1703840000
34	56.00	2.205	25	1703850000
36	59.50	2.343	25	1703860000
38	63.00	2.480	25	1703870000
40	66.50	2.618	25	1703880000
42	70.00	2.756	20	1703890000
44	73.50	2.894	20	1703900000
46	77.00	3.031	20	1703910000
48	80.50	3.169	20	1703920000

## Representative derating curve



## Clamping yoke screw connection

### LS 5.08



Small, compact PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 1.5 mm<sup>2</sup>.

- Increased derating reserves because WEMID insulating material is used.
- Direction of wire outlet: 90°.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.08...1.5	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.08...1.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.08...1.5	
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5	
Ferrule with plastic collar	mm <sup>2</sup>	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	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5</b>	<b>17.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5	
Overvoltage category		III	III    II
Pollution severity		3	2    2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320</b> <b>630</b>
Rated impulse voltage	kV	4	4    4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b> <b>300</b>
<b>Rated current</b>	<b>A</b>	<b>15</b>	<b>10</b> <b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
Rated voltage	V	300	300    300
Rated current	A	20	10    10
AWG conductor	AWG	28-14	
<b>General data</b>			
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	0.5 x 1.0	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 630 V / 17.5 A / 0.08 - 1.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 28 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

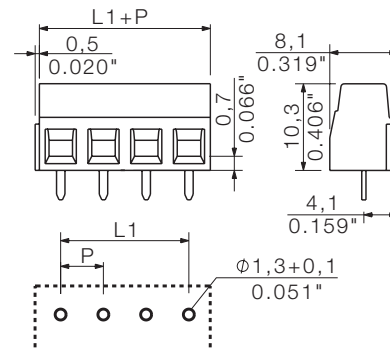
#### Note:

- 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.

### LS 5.08/.. /90



#### Dimensioned drawing



### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

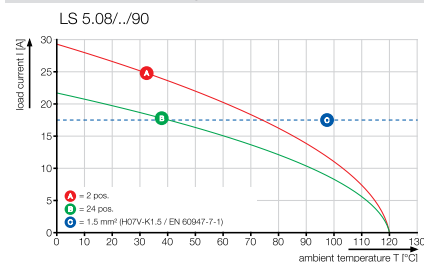
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### 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	100	1912520000
3	10.16	0.400	100	1912530000
4	15.24	0.600	100	1912540000
5	20.32	0.800	100	1912560000
6	25.40	1.000	100	1912570000
7	30.48	1.200	100	1912850000
8	35.56	1.400	100	1912890000
9	40.64	1.600	100	1912900000
10	45.72	1.800	100	1912910000
11	50.80	2.000	100	1912930000
12	55.88	2.200	100	1912940000

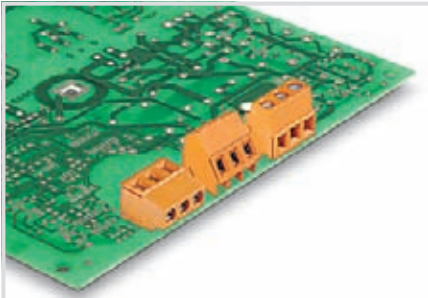
#### Representative derating curve





## Clamping yoke screw connection

### LM 5.00



Single-row PCB Terminal with the proven clamping-yoke screw connection in 5.00-mm pitch, suitable for wire cross-sections up to 2.5 mm<sup>2</sup>.

- 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.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.2...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5	
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5	
Ferrule with plastic collar	mm <sup>2</sup>	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	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5</b>	<b>17.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5	
Overvoltage category		III	III    II
Pollution severity		3	2    2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320</b> <b>630</b>
Rated impulse voltage	kV	4	4    4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b> <b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b> <b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
Rated voltage	V	300	300    300
Rated current	A	20	10    10
AWG conductor	AWG	24-14	
<b>General data</b>			
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	

### Product data

IEC: 630 V / 17.5 A / 0.2 - 2.5 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 24 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

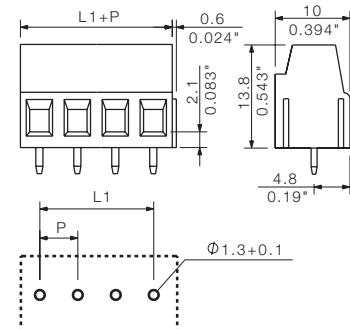
#### Note:

- 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 5.00/..90



#### Dimensioned drawing



### Accessories

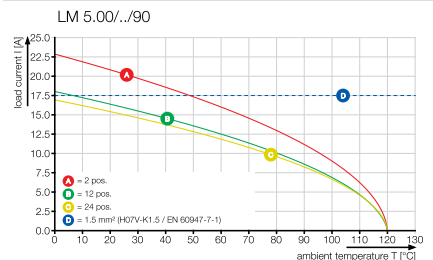
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length		3.5 mm		
Colour		orange		
Pitch	5.00 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	500	1715310000
3	10.00	0.394	500	1715320000
4	15.00	0.591	50	1821490000
5	20.00	0.787	50	1845310000
6	25.00	0.984	50	1845320000
7	30.00	1.181	50	1845330000
8	35.00	1.378	50	1845340000
9	40.00	1.575	50	1845350000
10	45.00	1.772	50	1845360000
11	50.00	1.969	50	1845370000
12	55.00	2.165	50	1845380000

#### Representative derating curve

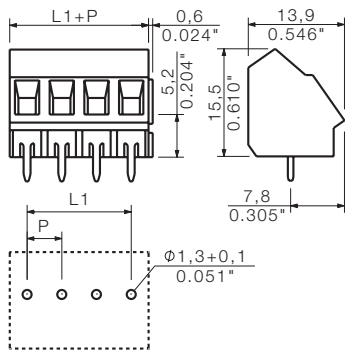




LM 5.00/.. /135



Dimensioned drawing



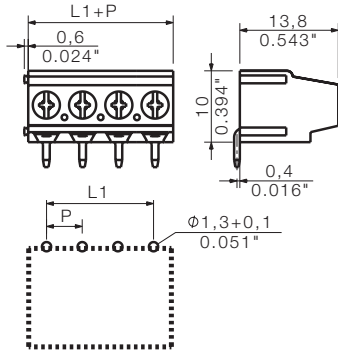
Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch		5.00 mm	
Pol.	L1 (inch)	Qty.	Order No.
2	5.00 0.197	500	1715350000
3	10.00 0.394	500	1715360000
4	15.00 0.591	50	1845390000
5	20.00 0.787	50	1845400000
6	25.00 0.984	50	1845410000
7	30.00 1.181	50	1845420000
8	35.00 1.378	50	1845430000
9	40.00 1.575	50	1845440000
10	45.00 1.772	50	1845450000
11	50.00 1.969	50	1845460000
12	55.00 2.165	50	1845470000

LM 5.00/.. /180



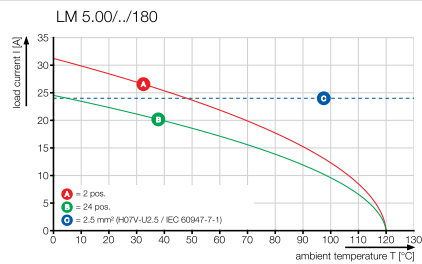
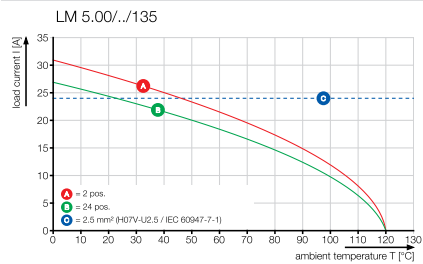
Dimensioned drawing



Ordering data

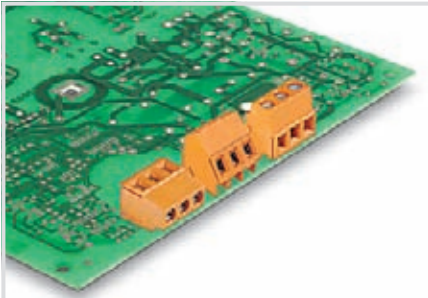
Solder pin length		3.5 mm	
Colour		orange	
Pitch		5.00 mm	
Pol.	L1 (inch)	Qty.	Order No.
2	5.00 0.197	500	1715330000
3	10.00 0.394	500	1715340000

Additional derating curves



## Clamping yoke screw connection

### 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 mm<sup>2</sup>.

- 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.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.2...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.2...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.2...1.5	
Flexible with ferrule	mm²	0.25...1.5	
Ferrule with plastic collar	mm²	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	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5</b>	<b>17.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	1.5	
Overvoltage category		III	IIII
Pollution severity		3	2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320</b>
Rated impulse voltage	kV	4	4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>15</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b>
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	

### Product data

IEC: 630 V / 17.5 A / 0.2 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 24 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

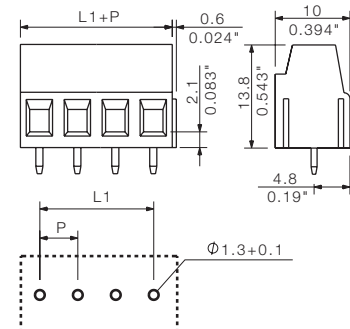
#### Note:

- 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



### Accessories

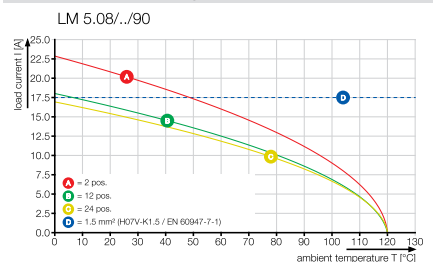
**Note:** Refer to the Accessories chapter for additional accessories.

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

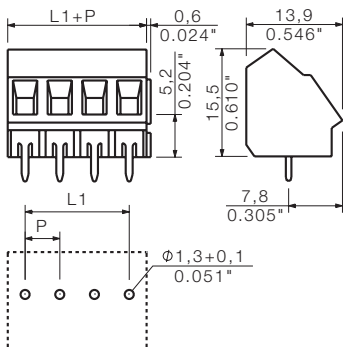
### Representative derating curve



LM 5.08/./135



Dimensioned drawing



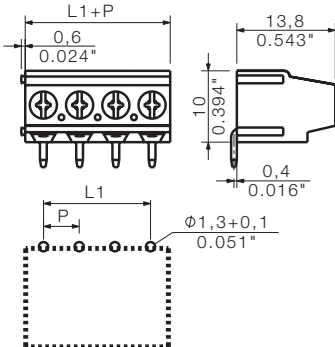
Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch		5.08 mm	
Pol.	L1 (inch)	Qty.	Order No.
2	5.08 0.200	500	1716120000
3	10.16 0.400	500	1716130000
4	15.24 0.600	50	9994550000
5	20.32 0.800	50	9994560000
6	25.40 1.000	50	9994570000
7	30.48 1.200	50	9994580000
8	35.56 1.400	50	9994590000
9	40.64 1.600	50	9994600000
10	45.72 1.800	50	9994610000
11	50.80 2.000	50	9994620000
12	55.88 2.200	50	9994630000
13	60.96 2.400	50	9994640000
14	66.04 2.600	50	9994650000
15	71.12 2.800	50	9994660000
16	76.20 3.000	50	9994670000
17	81.28 3.200	50	9994680000
18	86.36 3.400	50	9994690000
19	91.44 3.600	50	9994700000
20	96.52 3.800	50	9994710000
21	101.60 4.000	50	9994720000
22	106.68 4.200	50	9994730000
23	111.76 4.400	50	9994740000
24	116.84 4.600	50	9994750000

LM 5.08/./180



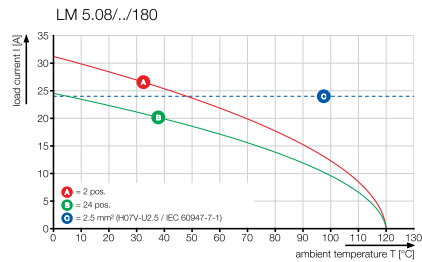
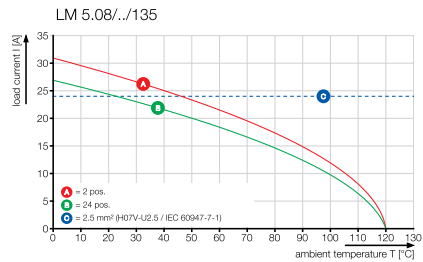
Dimensioned drawing



Ordering data

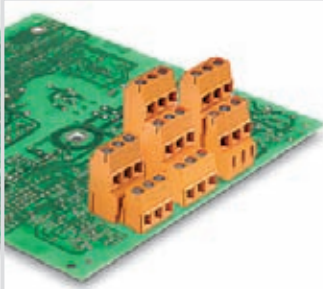
Solder pin length		3.5 mm	
Colour		orange	
Pitch		5.08 mm	
Pol.	L1 (inch)	Qty.	Order No.
2	5.08 0.200	500	1716100000
3	10.16 0.400	500	1716110000
4	15.24 0.600	50	9994970000
5	20.32 0.800	50	9994980000
6	25.40 1.000	50	9994990000
7	30.48 1.200	50	9995000000
8	35.56 1.400	50	9995010000
9	40.64 1.600	50	9995020000
10	45.72 1.800	50	9995030000
11	50.80 2.000	50	9995040000
12	55.88 2.200	50	9995050000
13	60.96 2.400	50	9995060000
14	66.04 2.600	50	9995070000
15	71.12 2.800	50	9995080000
16	76.20 3.000	50	9995090000
17	81.28 3.200	50	9995100000
18	86.36 3.400	50	9995110000
19	91.44 3.600	50	9995120000
20	96.52 3.800	50	9995130000
21	101.60 4.000	50	9995140000
22	106.68 4.200	50	9995150000
23	111.76 4.400	50	9995210000
24	116.84 4.600	50	9995220000

Additional derating curves



## Clamping yoke screw connection

### LM 5.08, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Increased derating reserves because WEMID insulating material is used.
- Direction of wire outlet: 90°.
- Block construction can be aligned together for higher pole counts

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.2...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	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
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III III II	
Pollution severity	3 2 2	
<b>Rated voltage</b>	<b>V</b>	<b>250 320 630</b>
Rated impulse voltage	kV	4 4 4

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
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

### Product data

IEC: 630 V / 17.5 A / 0.2 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 24 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

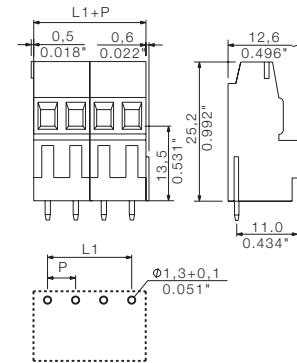
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components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

### LM1N 5.08/..90

#### Single row, middle



#### Dimensioned drawing



### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

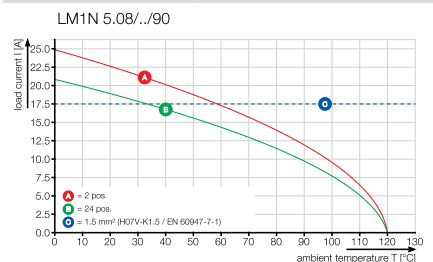
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### Ordering data

<b>Solder pin length</b>	<b>3.5 mm</b>		
<b>Colour</b>	<b>orange</b>		
<b>Pitch</b>	<b>5.08 mm</b>		
Pol.	L1	(inch)	Qty. Order No.
2	5.08	0.200	100 1766300000
3	10.16	0.400	100 1766310000

#### Representative derating curve

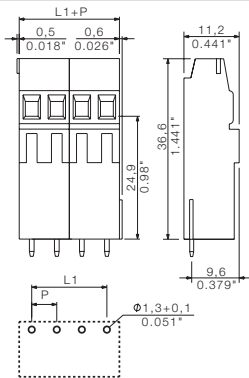


LM1H 5.08/./90

Single row, high



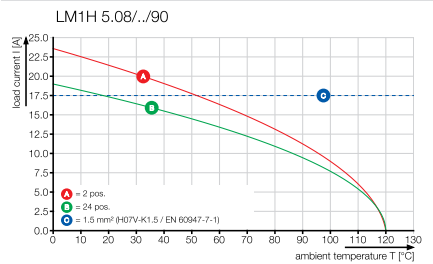
Dimensioned drawing



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	100 1766360000
3	10.16	0.400	100 1766370000

Additional derating curves



## Clamping yoke screw connection

### LM 5.08, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Increased derating reserves because WEMID insulating material is used.
- Direction of wire outlet: 90°.
- Block construction can be aligned together for higher pole counts

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.2...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	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
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 630</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
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

### Product data

IEC: 630 V / 17.5 A / 0.2 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 24 - 14

For additional articles and information, refer to [catalog.weidmuller.com](http://catalog.weidmuller.com)

#### Note:

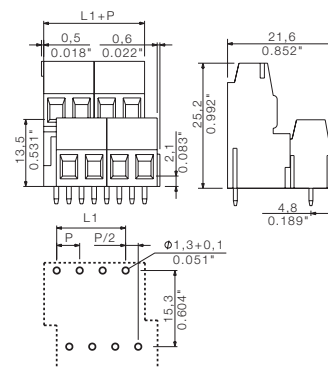
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components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

### LM2N 5.08/..90

#### Double level row



#### Dimensioned drawing



### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

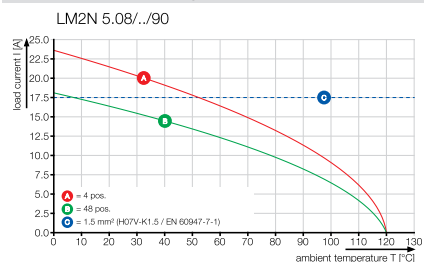
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### Ordering data

Solder pin length		3.5 mm		
Colour		orange		
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
4	5.08	0.200	50	1768850000
6	10.16	0.400	50	1768860000
8	15.24	0.600	50	1768870000
10	20.32	0.800	50	1768880000
12	25.40	1.000	20	1768890000
14	30.48	1.200	20	1768900000
16	35.56	1.400	20	1768910000
18	40.64	1.600	20	1768920000
20	45.72	1.800	20	1768930000
22	50.80	2.000	20	1768940000
24	55.88	2.200	10	1768950000
26	60.96	2.400	10	1768960000
28	66.04	2.600	10	1768970000
30	71.12	2.800	10	1768980000
32	76.20	3.000	10	1768990000
34	81.28	3.200	10	1769000000
36	86.36	3.400	10	1769010000
38	91.44	3.600	10	1769020000
40	96.52	3.800	10	1769030000
42	101.60	4.000	10	1769040000
44	106.68	4.200	10	1769050000
46	111.76	4.400	10	1769060000
48	116.84	4.600	10	1769070000

#### Representative derating curve





## LM2H 5.08/.. /90

### Double level row high

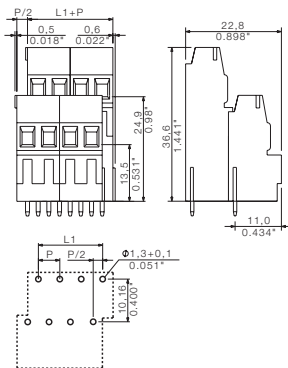


## LM3R 5.08/.. /90

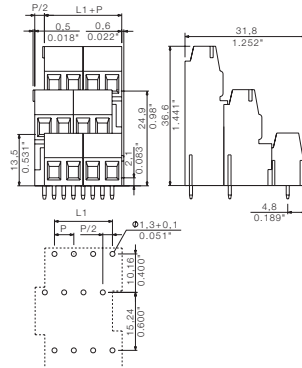
### Triple level



## Dimensioned drawing



### Dimensioned drawing



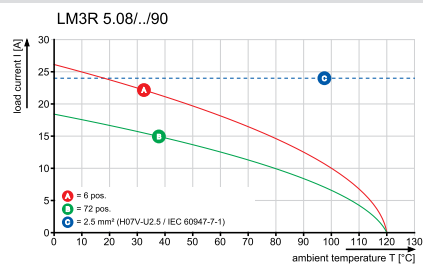
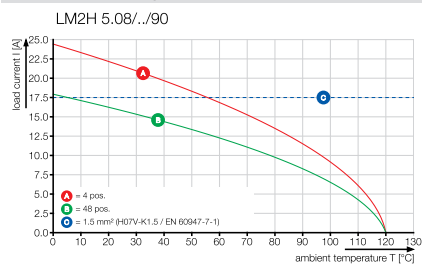
## Ordering data

Solder pin length			3.5 mm	
Colour			orange	
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
4	5.08	0.200	50	1769240000
6	10.16	0.400	50	1769250000
8	15.24	0.600	50	1769260000
10	20.32	0.800	50	1769270000
12	25.40	1.000	20	1769280000
14	30.48	1.200	20	1769290000
16	35.56	1.400	20	1769300000
18	40.64	1.600	20	1769310000
20	45.72	1.800	20	1769320000
22	50.80	2.000	20	1769330000
24	55.88	2.200	10	1769340000
26	60.96	2.400	10	1769350000
28	66.04	2.600	10	1769360000
30	71.12	2.800	10	1769370000
32	76.20	3.000	10	1769380000
34	81.28	3.200	10	1769390000
36	86.36	3.400	10	1769400000
38	91.44	3.600	10	1769410000
40	96.52	3.800	10	1769420000
42	101.60	4.000	10	1769430000
44	106.68	4.200	10	1769440000
46	111.76	4.400	10	1769450000
48	111.76	4.400	10	1769460000

## Ordering data

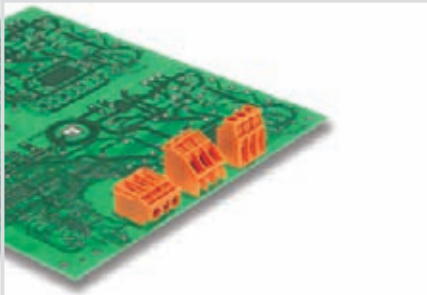
Solder pin length			3.5 mm	
Colour			orange	
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
6	5.08	0.200	50	1769620000
9	10.16	0.400	50	1769630000
12	15.24	0.600	50	1769640000
15	20.32	0.800	25	1769650000
18	25.40	1.000	25	1769660000
21	30.48	1.200	20	1769670000
24	35.56	1.400	20	1769680000
27	40.64	1.600	20	1769690000
30	45.72	1.800	10	1769700000
33	50.80	2.000	10	1769710000
36	55.88	2.200	10	1769720000
39	60.96	2.400	10	1769730000
42	66.04	2.600	10	1769740000
45	71.12	2.800	10	1769750000
48	76.20	3.000	10	1769760000
51	81.28	3.200	10	1769770000
54	86.36	3.400	5	1769780000
57	91.44	3.600	5	1769790000
60	96.52	3.800	5	1769800000
63	101.60	4.000	5	1769810000
66	106.68	4.200	5	1769820000
69	111.76	4.400	5	1769830000
72	116.84	4.600	5	1769840000

### Additional derating curves



## Clamping yoke screw connection

### LP & LPP 5.00



Single-row PCB Terminal with the proven clamping-yoke screw connection in 5.00-mm pitch, suitable for wire cross-sections up to 6.0 mm².

- Wire outlet direction: 90°, 135° and 180°.
- 90° and 135° versions available with test point for the PS 2.0 test plug.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Product data

IEC: 500 V / 32 A / 0.5 - 6 mm²  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

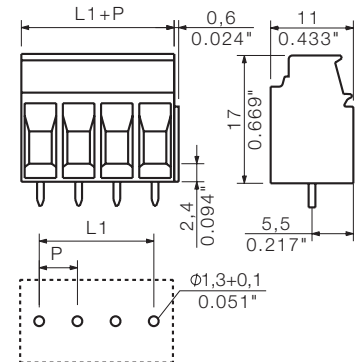
#### Note:

- Additional colours on request
- 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.

### LP 5.00/..90



#### Dimensioned drawing



### Technical data

In compliance with IEC 60664-1 / IEC 61984		
Clamping range, max.	mm²	0.13...6
<b>Solid core H05(07) V-U</b>	mm²	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm²	0.5...4
Flexible with ferrule	mm²	0.5...2.5
Ferrule with plastic collar	mm²	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm²	2.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300 300</b>
<b>Rated current</b>	<b>A</b>	<b>20 20 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300 300
Rated current	A	20 20 10
AWG conductor	AWG	26-12
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.75 x 0.9
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

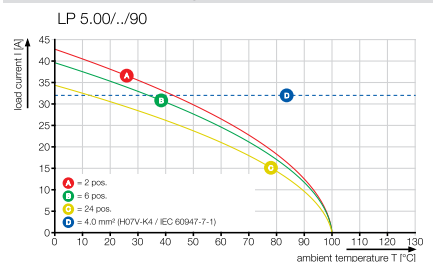
Marker holder and functional holder	Order No.
LPA BZ2	1497260000
LPA BZ3	1497360000
LPA FA2	1495960000
LPA FA2 BZ	1496160000
LPA FA3	1496060000
LPA FA3 BZ	1496260000
<b>Fuse and disconnection element</b>	
LPA SI STI3.2 OR	1495060000
LPA TR STI3.2 OR	1495460000
<b>Intermediate plate + mounting block</b>	
LPBB MU OR	1747530000
LPBB OR	1747540000
LPHP 7.XX OR	1753440000
LPZP 1.27/90 OR	1747490000
LPZP 2.54/135 OR	1753740000
LPZP 2.54/90 OR	1747480000
LPZP1N 2.54 OR	1747470000
<b>Cross-connection</b>	
LPA QB 10	1472500000
LPA QB 17	1584770000
LPA QB 2	1472200000
LPA QB 24	1472600000
LPA QB 3	1472300000
LPA QB 4	1472400000

<b>Screwdriver</b>	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

### Ordering data

Solder pin length		3.2 mm	
Colour		orange	
Pitch	5.00 mm		
Pol.	L1	(inch)	Qty. Order No.
2	5.00	0.197	100 1594320000
3	10.00	0.394	100 1594330000
4	15.00	0.591	100 1608310000
5	20.00	0.787	50 1759100000
6	25.00	0.984	50 1608330000
7	30.00	1.181	50 1844480000
8	35.00	1.378	50 1608350000
9	40.00	1.575	50 1753300000
10	45.00	1.772	50 1608370000
11	50.00	1.969	50 1844490000
12	55.00	2.165	50 1608390000
13	60.00	2.362	50 1233680000
14	65.00	2.561	50 1233690000
15	70.00	2.758	50 1233710000
16	75.00	2.953	50 1608410000
17	80.00	3.152	25 1169210000
18	85.00	3.349	20 1237730000
19	90.00	3.546	20 1233720000
20	95.00	3.743	20 1233730000
21	100.00	3.940	20 1233740000
22	105.00	4.137	20 1233750000
23	110.00	4.334	20 1233770000
24	115.00	4.528	20 1608430000

#### Representative derating curve

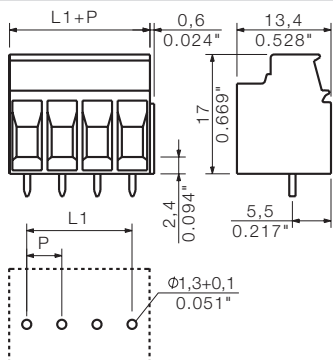


## LPP 5.00/./90

with test point



Dimensioned drawing



## Ordering data

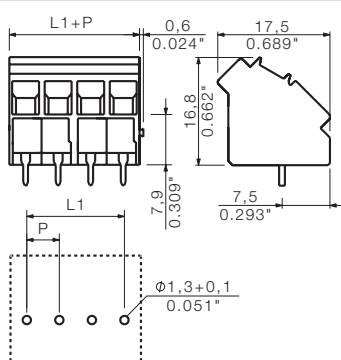
Solder pin length		3.2 mm	
Colour		orange	
Pitch		5.00 mm	
Pol.	L1	(inch)	Qty. Order No.
2	5.00	0.197	100 <b>1594340000</b>
3	10.00	0.394	100 <b>1594350000</b>

## LP 5.00/./135

with test point



Dimensioned drawing



## Ordering data

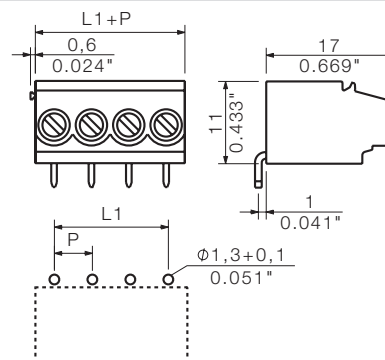
Solder pin length		3.2 mm	
Colour		orange	
Pitch		5.00 mm	
Pol.	L1	(inch)	Qty. Order No.
2	5.00	0.197	100 <b>1595750000</b>
3	10.00	0.394	100 <b>1595710000</b>
4	15.00	0.591	50 <b>1791710000</b>
5	20.00	0.787	50 <b>1843210000</b>
6	25.00	0.984	50 <b>1843220000</b>
7	30.00	1.181	50 <b>1843230000</b>
8	35.00	1.378	50 <b>1843240000</b>
9	40.00	1.575	50 <b>1843250000</b>
10	45.00	1.772	50 <b>1843260000</b>
11	50.00	1.969	50 <b>1843270000</b>
12	55.00	2.165	50 <b>1843280000</b>

## LP 5.00/./180

with test point



Dimensioned drawing

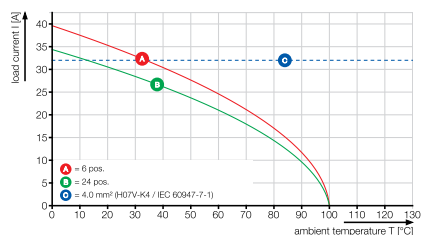


## Ordering data

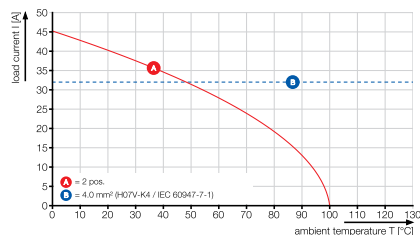
Solder pin length		3.2 mm	
Colour		orange	
Pitch		5.00 mm	
Pol.	L1	(inch)	Qty. Order No.
2	5.00	0.197	100 <b>1761330000</b>
3	10.00	0.394	100 <b>1761340000</b>

## Additional derating curves

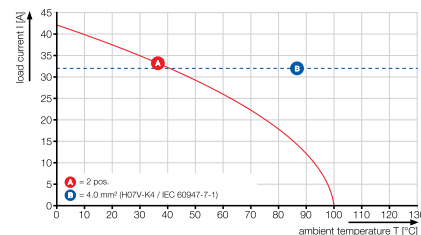
LPP 5.00/./90



LP 5.00/./135

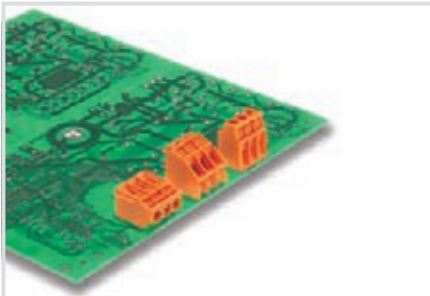


LP 5.00/./180



## Clamping yoke screw connection

### LP & LPP 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 6.0 mm<sup>2</sup>.

- Wire outlet direction: 90°, 135° and 180°.
- 90° and 135° versions available with test point for the PS 2.0 test plug.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Product data

IEC: 500 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

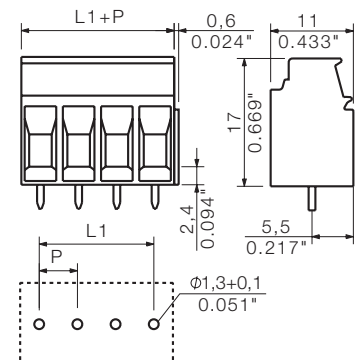
#### Note:

- Additional colours on request
- 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.

### LP 5.08/.../90



#### Dimensioned drawing



### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.13...6	
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...6</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4	
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5	
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.5...0.6	
<b>Rated current, max.</b>	<b>A</b>	<b>32</b>	<b>32</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>		
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>250 500</b>
Rated impulse voltage	kV	4	4 4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C D</b>
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor	AWG	26-12	
General data			
Type of insulation material		PA	
Flammability class UL 94		V-2	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.75 x 0.9	
Solder eyelet $\phi$ = D	mm	1.3	
Solder eyelet $\phi$ tolerance	mm	+ 0,1	

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

Marker holder and functional holder	Order No.
LPA BZ2	1497260000
LPA BZ3	1497360000
LPA FA2	1495960000
LPA FA2 BZ	1496160000
LPA FA3	1496060000
LPA FA3 BZ	1496260000

Fuse and disconnection element	
LPA SI STI3.2 OR	1495060000
LPA TR STI3.2 OR	1495460000

Intermediate plate + mounting block	
LPBB MU OR	1747530000
LPBB OR	1747540000
LPHP 7.XX OR	1753440000
LPZP 1.27/90 OR	1747490000
LPZP 2.54/135 OR	1753740000
LPZP 2.54/90 OR	1747480000
LPZP1N 2.54 OR	1747470000

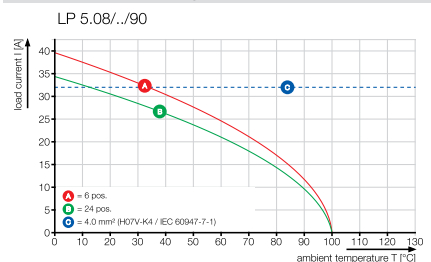
Cross-connection	
LPA QB 10	1472500000
LPA QB 17	1584770000
LPA QB 2	1472200000
LPA QB 24	1472600000
LPA QB 3	1472300000
LPA QB 4	1472400000

Screwdriver	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

### Ordering data

Solder pin length		3.2 mm		
Colour		orange		
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1592820000
3	10.16	0.400	100	1592830000
4	15.24	0.600	100	1594360000
5	20.32	0.800	50	1724530000
6	25.40	1.000	50	1608250000
7	30.48	1.200	50	1759120000
8	35.56	1.400	50	1594370000
9	40.64	1.600	50	1759130000
10	45.72	1.800	50	1594380000
11	50.80	2.000	50	1760480000
12	55.88	2.200	50	1608270000
13	60.96	2.400	50	1759140000
14	66.04	2.600	50	1759150000
15	71.12	2.800	50	1759160000
16	76.20	3.000	50	1594390000
17	81.28	3.200	20	1759170000
18	86.36	3.400	20	1759180000
19	91.44	3.600	20	1844450000
20	96.52	3.800	20	1759190000
21	101.60	4.000	20	1759200000
22	106.68	4.200	20	1844460000
23	111.76	4.400	20	1844470000
24	116.84	4.600	20	1608290000

#### Representative derating curve

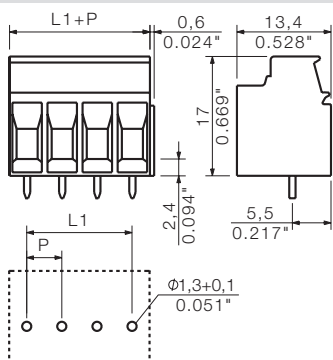


## LPP 5.08/./90

with test point



Dimensioned drawing



## Ordering data

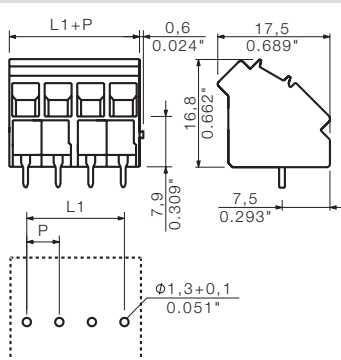
Solder pin length			3.2 mm	
Colour			orange	
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1594400000
3	10.16	0.400	100	1594410000

## LP 5.08/./135

with test point



Dimensioned drawing



## Ordering data

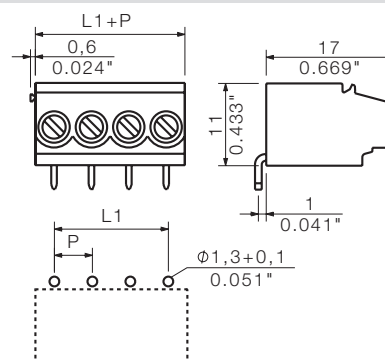
Solder pin length			3.2 mm	
Colour			orange	
Pitch 5.08 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1595730000
3	10.16	0.400	100	1595690000
5	20.32	0.800	50	1843150000
6	25.40	1.000	50	1759360000
7	30.48	1.200	50	1843160000
8	35.56	1.400	50	1752940000
9	40.64	1.600	50	1843170000
10	45.72	1.800	50	1843180000
11	50.80	2.000	50	1843190000
12	55.88	2.200	50	1843200000

## LP 5.08/./180

with test point



Dimensioned drawing

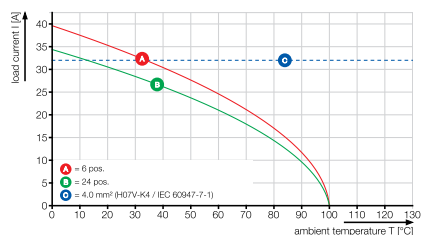


## Ordering data

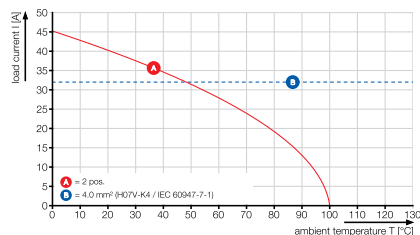
Solder pin length			3.2 mm	
Colour			orange	
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1753810000
3	10.16	0.400	100	1753820000

## Additional derating curves

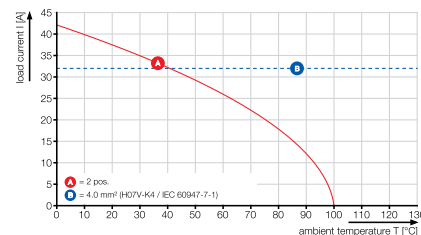
LPP 5.08/./90



LP 5.08/./135

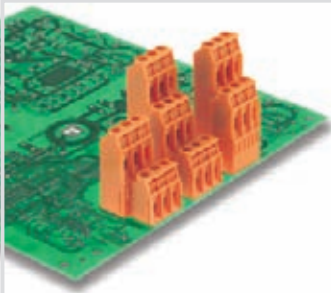


LP 5.08/./180



## Clamping yoke screw connection

### LP 5.00, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.00-mm pitch, suitable for wire cross-sections up to 6 mm<sup>2</sup>.

- Wire outlet direction: 90°.
- Block construction can be aligned together for higher pole counts

### Product data

IEC: 500 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

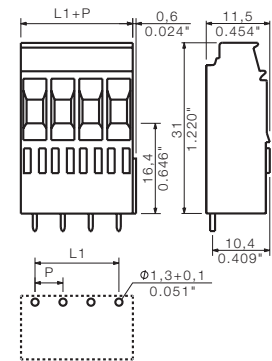
#### Note:

- Additional colours on request
- 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.

### LP1N 5.00/.../90



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>20 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	20 10
AWG conductor	AWG	26-12
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.75 x 0.9
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0.1

### Accessories

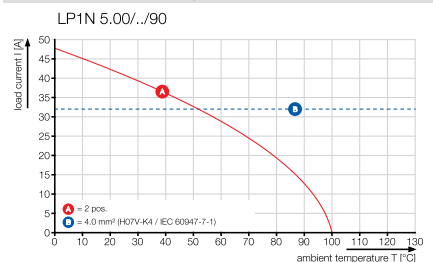
**Note:** Refer to the Accessories chapter for additional accessories.

Marker holder and functional holder	Order No.
LPA BZ2	1497260000
LPA BZ3	1497360000
LPA FA2	1495960000
LPA FA2 BZ	1496160000
LPA FA3	1496060000
LPA FA3 BZ	1496260000
<b>Cross-connection</b>	
LPA QB 10	1472500000
LPA QB 17	1584770000
LPA QB 2	1472200000
LPA QB 24	1472600000
LPA QB 3	1472300000
LPA QB 4	1472400000
<b>Screwdriver</b>	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

### Ordering data

Solder pin length			3.2 mm	
Colour			orange	
Pitch 5.00 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	100	1640870000
3	10.00	0.394	100	1640880000

#### Representative derating curve

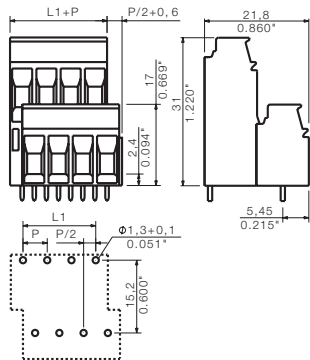




LP2N 5.00/./90



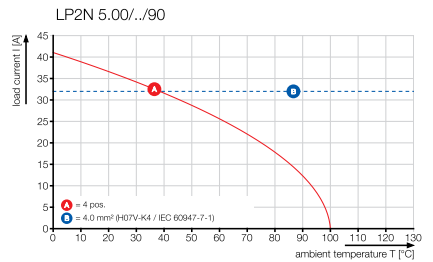
Dimensioned drawing



Ordering data

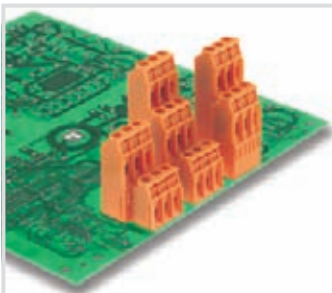
Solder pin length		3.2 mm		
Colour		orange		
Pitch		5.00 mm		
Pol.	L1	(inch)	Qty.	Order No.
4	5.00	0.197	50	1635160000
6	10.00	0.394	50	1625560000
8	15.00	0.591	50	1596450000
10	20.00	0.787	50	1596490000
16	35.00	1.378	20	1596550000
20	45.00	1.772	20	1596590000
24	55.00	2.165	10	1596630000
30	70.00	2.756	10	1596670000

Additional derating curves



## Clamping yoke screw connection

### LP 5.08, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 6 mm<sup>2</sup>.

- Wire outlet direction: 90°
- Block construction can be aligned together for higher pole counts.

### Product data

IEC: 500 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

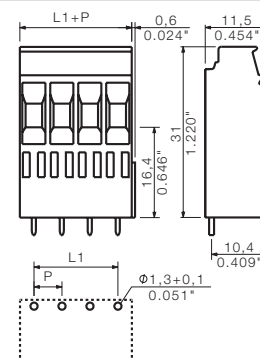
#### Note:

- Additional colours on request
- 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.

### LP1N 5.08/.../90



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>20 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	20 10
AWG conductor	AWG	26-12

#### General data

Type of insulation material	PA
Flammability class UL 94	V-2
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.75 x 0.9
Solder eyelet Ø = D	mm 1.3
Solder eyelet Ø tolerance	mm + 0.1

### Accessories

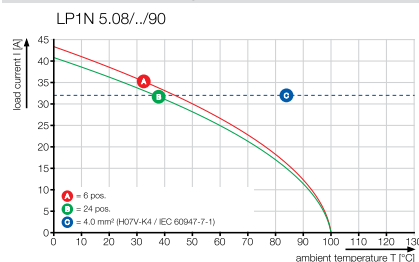
**Note:** Refer to the Accessories chapter for additional accessories.

Marker holder and functional holder	Order No.
LPA BZ2	1497260000
LPA BZ3	1497360000
LPA FA2	1495960000
LPA FA2 BZ	1496160000
LPA FA3	1496060000
LPA FA3 BZ	1496260000
Cross-connection	
LPA QB 10	1472500000
LPA QB 17	1584770000
LPA QB 2	1472200000
LPA QB 24	1472600000
LPA QB 3	1472300000
LPA QB 4	1472400000
Screwdriver	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

### Ordering data

Solder pin length			3.2 mm	
Colour			orange	
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1640830000
3	10.16	0.400	100	1640840000

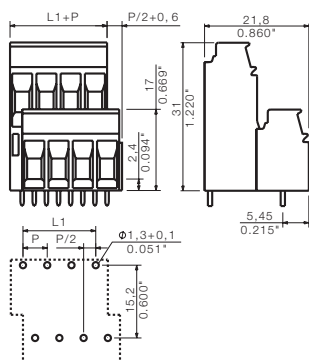
#### Representative derating curve



## LP2N 5.08/./90



Dimensioned drawing



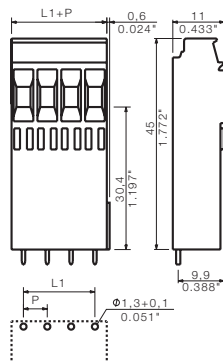
## Ordering data

Solder pin length		3.2 mm	
Colour		orange	
Pitch	5.08 mm		
Pol.	L1 (inch)	Qty.	Order No.
4	5.08	0.200	50 1635140000
6	10.16	0.400	50 1625540000
8	15.24	0.600	50 1596460000
10	20.32	0.800	50 1596510000
12	25.40	1.000	50 1844510000
14	30.48	1.200	50 1844520000
16	35.56	1.400	20 1596530000
18	40.64	1.600	20 1844530000
20	45.72	1.800	20 1596570000
22	50.80	2.000	20 1844540000
24	55.88	2.200	10 1596610000
26	60.96	2.400	10 1844550000
28	66.04	2.600	10 1844560000
30	71.12	2.800	10 1596650000
32	76.20	3.000	10 1844570000
34	81.28	3.200	10 1844580000
36	86.36	3.400	10 1844590000
38	91.44	3.600	10 1844600000
40	96.52	3.800	10 1844610000
42	101.60	4.000	10 1844620000
44	106.68	4.200	10 1844630000
46	111.76	4.400	10 1844640000
48	116.84	4.600	10 1844650000

## LP1H 5.08/./90



Dimensioned drawing



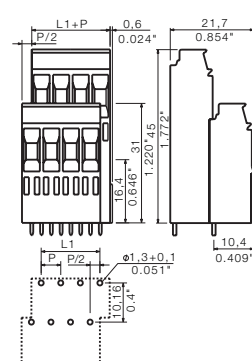
## Ordering data

Solder pin length		3.2 mm	
Colour		orange	
Pitch	5.08 mm		
Pol.	L1 (inch)	Qty.	Order No.
2	5.08	0.200	100 1640910000
3	10.16	0.400	100 1640920000

## LP2HR 5.08/./90



Dimensioned drawing

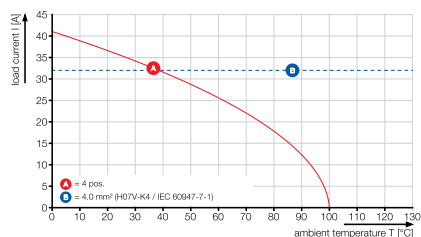


## Ordering data

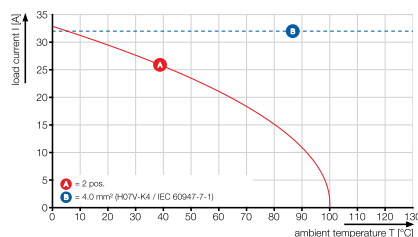
Solder pin length		3.2 mm	
Colour		orange	
Pitch	5.08 mm		
Pol.	L1 (inch)	Qty.	Order No.
4	5.08	0.200	50 1636210000
6	10.16	0.400	50 1636220000
8	15.24	0.600	50 1636230000
10	20.32	0.800	50 1636240000
12	25.40	1.000	20 1844660000
14	30.48	1.200	20 1844670000
16	35.56	1.400	20 1636250000
18	40.64	1.600	20 1844680000
20	45.72	1.800	20 1636260000
24	55.88	2.200	10 1636270000
26	60.96	2.400	10 1844690000
28	66.04	2.600	10 1844700000
30	71.12	2.800	10 1636280000
32	76.20	3.000	10 1844710000
34	81.28	3.200	10 1844720000
36	86.36	3.400	10 1844730000
38	91.44	3.600	10 1844740000
40	96.52	3.800	10 1844750000
42	101.60	4.000	10 1844760000
44	106.68	4.200	10 1844770000
46	111.76	4.400	10 1844780000
48	116.84	4.600	10 1646480000

## Additional derating curves

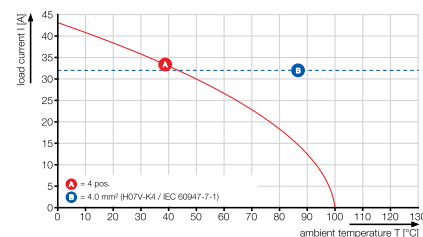
LP2N 5.08/./90



LP1H 5.08/./90

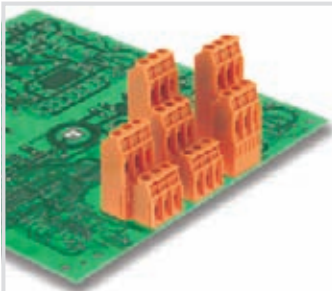


LP2HR 5.08/./90



## Clamping yoke screw connection

### LP 5.08, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 6 mm<sup>2</sup>.

- Wire outlet direction: 90°
- Block construction can be aligned together for higher pole counts.

### Product data

IEC: 500 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

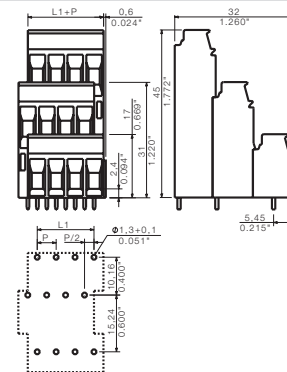
#### Note:

- Additional colours on request
- 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.

### LP3R 5.08/.../90



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 30</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>20 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	20 10
AWG conductor	AWG	26-12
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.75 x 0.9
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0.1

### Accessories

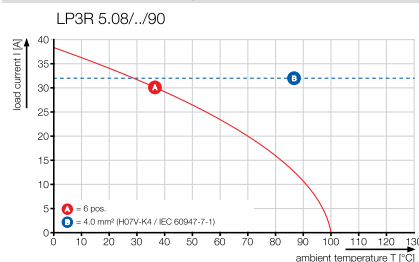
**Note:** Refer to the Accessories chapter for additional accessories.

Marker holder and functional holder	Order No.
LPA BZ2	1497260000
LPA BZ3	1497360000
LPA FA2	1495960000
LPA FA2 BZ	1496160000
LPA FA3	1496060000
LPA FA3 BZ	1496260000
<b>Cross-connection</b>	
LPA QB 10	1472500000
LPA QB 17	1584770000
LPA QB 2	1472200000
LPA QB 24	1472600000
LPA QB 3	1472300000
LPA QB 4	1472400000
<b>Screwdriver</b>	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

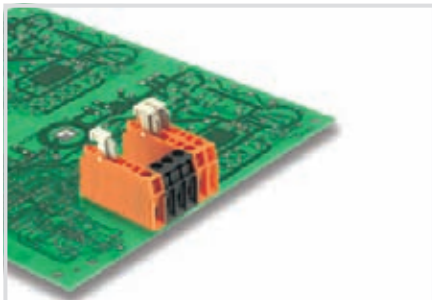
### Ordering data

Solder pin length		3.2 mm		
Colour		orange		
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
6	5.08	0.200	50	1653930000
9	10.16	0.400	50	1596320000
12	15.24	0.600	50	1596340000
15	20.32	0.800	25	1596360000
18	25.40	1.000	25	1596380000
21	30.48	1.200	20	1844790000
24	35.56	1.400	20	1596400000
27	40.64	1.600	10	1844800000
30	45.72	1.800	10	1596420000
33	50.80	2.000	10	1844810000
36	55.88	2.200	10	1844820000
39	60.96	2.400	10	1844830000
42	66.04	2.600	10	1844840000
45	71.12	2.800	10	1844850000
48	76.20	3.000	10	1844860000
51	81.28	3.200	10	1844870000
54	86.36	3.400	10	1844880000
57	91.44	3.600	5	1844890000
60	96.52	3.800	5	1844900000
63	101.60	4.000	5	1844910000
66	106.68	4.200	5	1844920000
69	111.76	4.400	5	1844930000
72	116.84	4.600	5	1844940000

#### Representative derating curve



## LP 5.08 Disconnection element



Isolating element with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Wire outlet direction: 90°
- integrated test point for the PS 2.0 test plug.

## Product data

IEC: 500 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

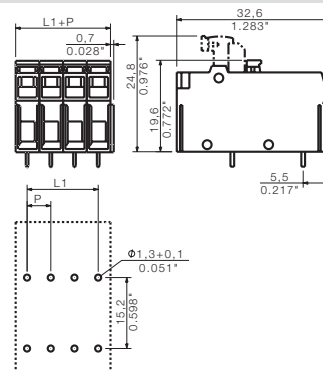
## Note:

- Additional colours on request
- 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.

## LPTR 5.08/..90



## Dimensioned drawing



## Technical data

## In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	15 10
AWG conductor	AWG	26-12
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.75 x 0.9
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

## Accessories

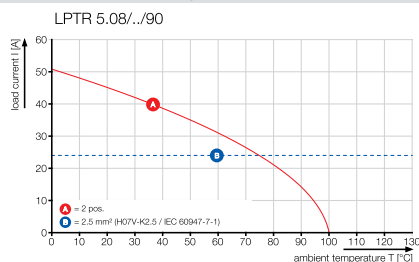
Note: Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000
Test plug	
PS 2.0 MC	0310000000

## Ordering data

Solder pin length				3.2 mm
Colour				orange
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
1	0.00	0.200	100	1755180000

## Representative derating curve



## Clamping yoke screw connection

### LP 7.50



Single-row PCB Terminal with the proven clamping-yoke screw connection in 7.50-mm pitch, suitable for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Wire outlet direction: 90°, 135° and 180°
- 90° and 135° versions available with test point for the PS 2.0 test plug.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...6	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.5...6</b>	
Stranded H07 V-R		...6	
Flexible H05(07) V-K	mm²	0.5...4	
Flexible with ferrule	mm²	0.5...2.5	
Ferrule with plastic collar	mm²	0.5...2.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.5...0.6	
<b>Rated current, max.</b>	<b>A</b>	<b>32</b>	<b>32</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	2.5	
Overvoltage category		III	II
Pollution severity		3	2
<b>Rated voltage</b>	<b>V</b>	<b>500</b>	<b>1000</b>
Rated impulse voltage	kV	6	6
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>D</b>
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor	AWG	26-12	
<b>General data</b>			
Type of insulation material		PA	
Flammability class UL 94		V-2	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.75 x 0.9	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 1000 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

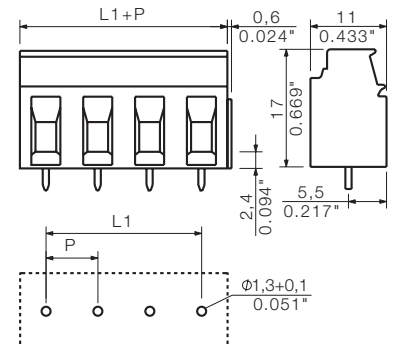
#### Note:

- Additional colours on request
- 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.

### LP 7.5/./90



#### Dimensioned drawing



### Accessories

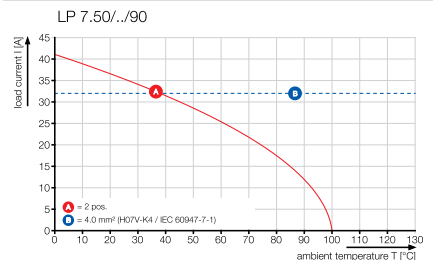
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.50 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.50	0.295	100	1594420000
3	15.00	0.591	100	1594430000

#### Representative derating curve



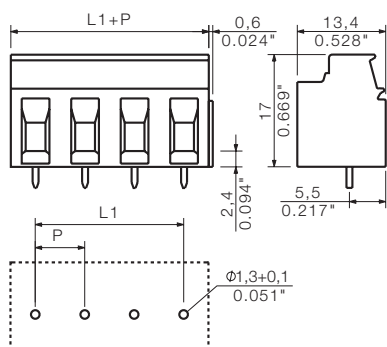


## LPP 7.50/./90

with test point



Dimensioned drawing



## Ordering data

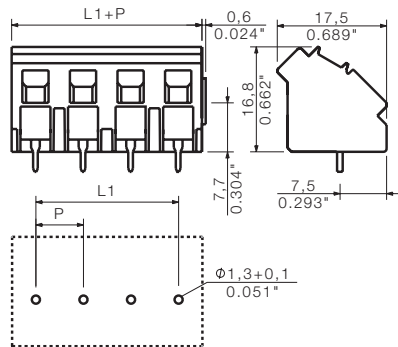
Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.50 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.50	0.295	100	1594440000
3	15.00	0.591	100	1594450000

## LP 7.50/./135

with test point



Dimensioned drawing



## Ordering data

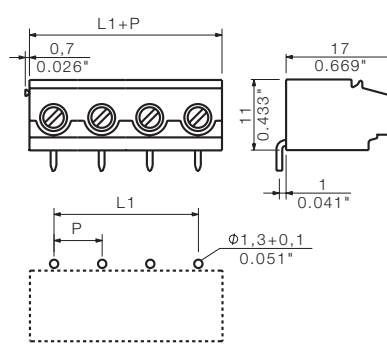
Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.50 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.50	0.295	100	1595770000
3	15.00	0.591	100	1595810000

## LP 7.50/./180

with test point



Dimensioned drawing

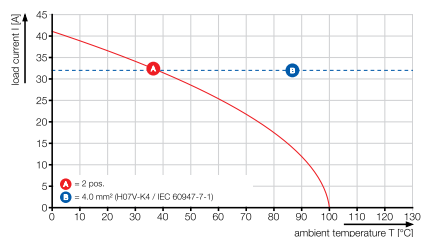


## Ordering data

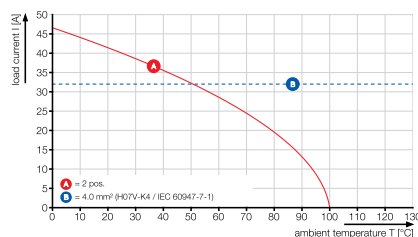
Solder pin length			3.2 mm	
Colour			orange	
Pitch		7.50 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	7.50	0.295	100	1761370000
3	15.00	0.591	100	1761380000

## Additional derating curves

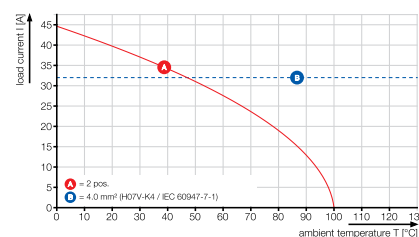
LPP 7.50/./90



LP 7.50/./135

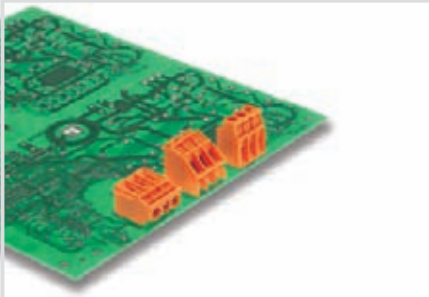


LP 7.50/./180



## Clamping yoke screw connection

### LP 7.62



Single-row PCB Terminal with the proven clamping-yoke screw connection in 7.62-mm pitch, suitable for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Wire outlet direction: 90°, 135° and 180°
- 90° and 135° versions available with test point for the PS 2.0 test plug.
- 2- and 3-pole block construction can be aligned together for higher pole counts.

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>
Stranded H07 V-R		...6
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature		20°C 40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 500 1000</b>
Rated impulse voltage	kV	6 6 6

#### UL / CUL (Use Group)

	<b>B</b>	<b>C</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-12</b>	
<b>CSA (Use Group)</b>	<b>B</b>	<b>C</b>	<b>D</b>
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor	AWG	26-12	

#### General data

Type of insulation material	PA
Flammability class UL 94	V-2
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.75 x 0.9
Solder eyelet Ø = D	mm 1.3
Solder eyelet Ø tolerance	mm + 0,1

### Product data

IEC: 1000 V / 32 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 26 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

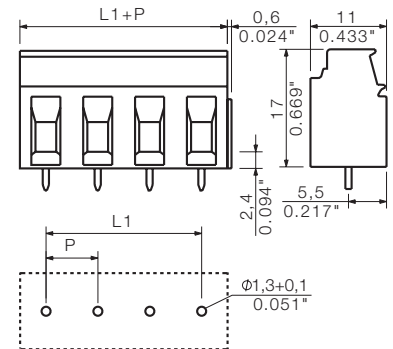
#### Note:

- Additional colours on request
- 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.

### LP 7.62/.../90



#### Dimensioned drawing



### Accessories

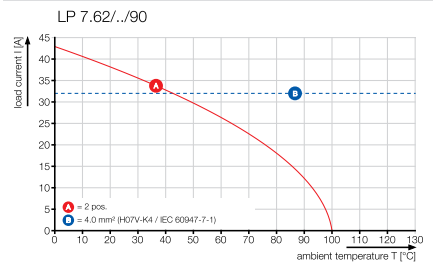
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.62 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	100	1594460000
3	15.24	0.600	100	1594470000

#### Representative derating curve

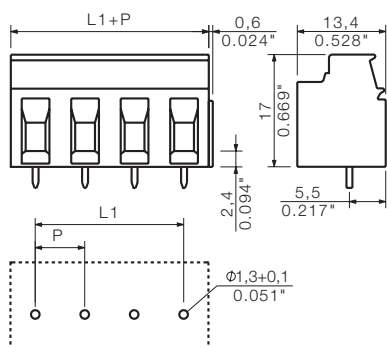


## LPP 7.62/./90

with test point



Dimensioned drawing



## Ordering data

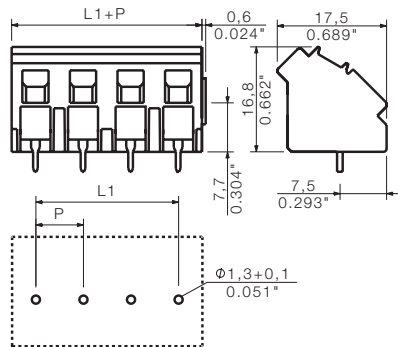
Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.62 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	100	1594480000
3	15.24	0.600	100	1594490000

## LP 7.62/./135

with test point



Dimensioned drawing



## Ordering data

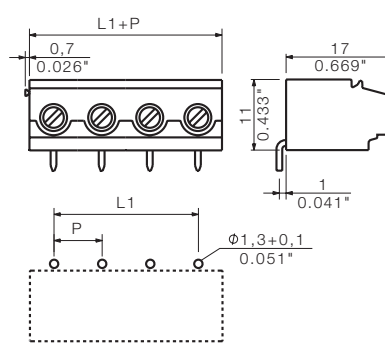
Solder pin length			3.2 mm	
Colour			orange	
Pitch 7.62 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	100	1595790000
3	15.24	0.600	100	1595830000

## LP 7.62/./180

with test point



Dimensioned drawing

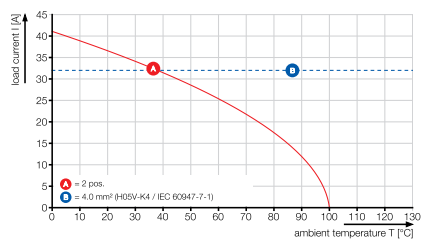


## Ordering data

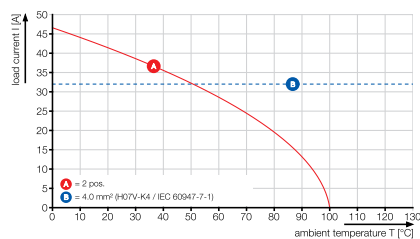
Solder pin length			3.2 mm	
Colour			orange	
Pitch			7.62 mm	
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	100	1753890000
3	15.24	0.600	100	1753900000

## Additional derating curves

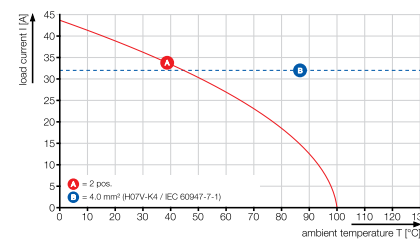
LPP 7.62/./90



LP 7.62/./135



LP 7.62/./180



## Clamping yoke screw connection

### LL 5.00 & LL 5.08



Single-row PCB Terminal with the proven clamping-yoke screw connection in 5.00 and 5.08-mm pitches, suitable for wire cross-sections up to 6.0 mm<sup>2</sup>.

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

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.08...6
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32.5 27.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>20 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-12</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	20 10
AWG conductor	AWG	28-12
<b>General data</b>		
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	0.75 x 0.9
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 32.5 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 28 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

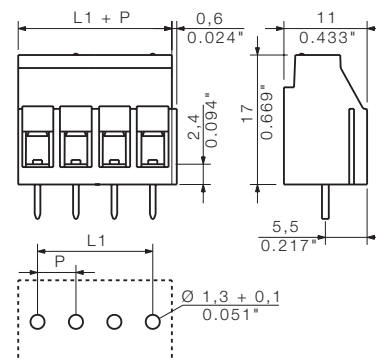
#### Note:

- 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.

### LL 5.00/..90



#### Dimensioned drawing



### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

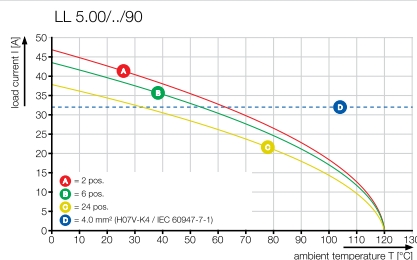
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### Ordering data

Solder pin length		3.2 mm		
Colour		orange		
Pitch	5.00 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	100	1934270000
3	10.00	0.394	100	1934280000
4	15.00	0.591	100	1001720000
5	20.00	0.788	50	1001730000
6	25.00	0.985	50	1001740000
7	30.00	1.182	50	1001750000
8	35.00	1.379	50	1001760000
9	40.00	1.576	50	1001770000
10	45.00	1.773	50	1001780000
11	50.00	1.970	50	1001790000
12	55.00	2.167	50	1001800000
13	60.00	2.364	50	1251330000
14	65.00	2.561	50	1001810000
15	70.00	2.758	50	1251340000
16	75.00	2.955	50	1001820000
17	80.00	3.152	20	1251350000
18	85.00	3.349	20	1251360000
19	90.00	3.546	20	1251370000
20	95.00	3.743	20	1251380000
21	100.00	3.940	20	1251390000
22	105.00	4.137	20	1251410000
23	110.00	4.334	20	1251420000
24	115.00	4.531	20	1001830000

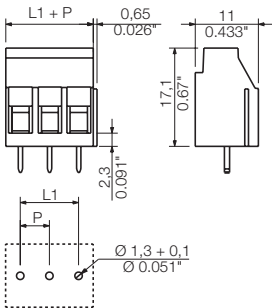
#### Representative derating curve



LL 5.08/./90



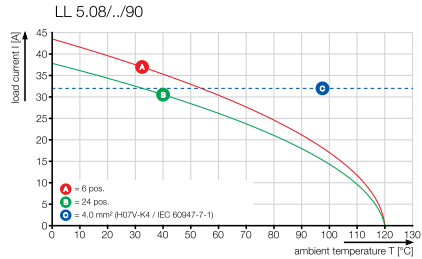
Dimensioned drawing



Ordering data

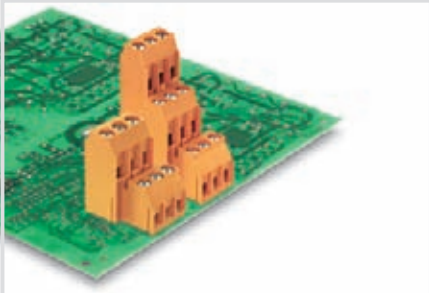
Solder pin length		3.2 mm		
Colour		orange		
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1934250000
3	10.16	0.400	100	1934260000
4	15.24	0.600	100	1001850000
5	20.32	0.800	50	1001860000
6	25.40	1.000	50	1001870000
7	30.48	1.200	50	1001880000
8	35.56	1.400	50	1001890000
9	40.64	1.600	50	1001900000
10	45.72	1.800	50	1001910000
11	50.80	2.000	50	1001920000
12	55.88	2.200	50	1001930000
13	60.96	2.400	50	1001940000
14	66.04	2.600	50	1001950000
15	71.12	2.800	50	1001960000
16	76.20	3.000	50	1001970000
17	81.28	3.200	20	1001980000
18	86.36	3.400	20	1001990000
19	91.44	3.600	20	1002000000
20	96.52	3.800	20	1002010000
21	101.60	4.000	20	1002020000
22	106.68	4.200	20	1002030000
23	111.76	4.400	20	1002040000
24	116.84	4.600	20	1002050000

Additional derating curves



## Clamping yoke screw connection

### LL 5.00, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.00-mm pitch, suitable for wire cross-sections up to 6.0 mm².

- Increased derating reserves because WEMID insulating material is used.
- Wire outlet direction: 90°
- Block construction can be aligned together for higher pole counts

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.08...6	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4	
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5	
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.5...0.6	
<b>Rated current, max.</b>	<b>A</b>	<b>32.5</b>	<b>27.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5	
Overvoltage category		III	III    II
Pollution severity		3	2    2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320</b> <b>500</b>
Rated impulse voltage	kV	4	4    4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b> <b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b> <b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-12</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
Rated voltage	V	300	300    300
Rated current	A	20	10    10
AWG conductor	AWG	28-12	
<b>General data</b>			
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	0.75 x 0.9	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 500 V / 32.5 A / 0.5 - 6 mm²  
UL: 300 V / 20 A / AWG 28 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

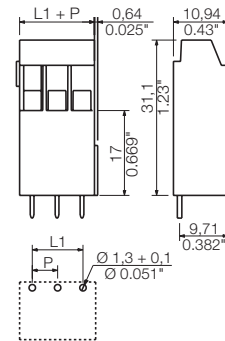
#### Note:

- 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.

### LL1N 5.00/..90



### Dimensioned drawing



### Accessories

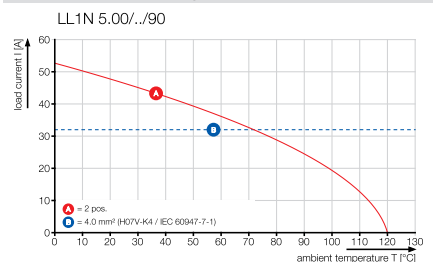
Note: Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length				3.2 mm
Colour				orange
Pitch	5.00 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	100	1975250000
3	10.00	0.394	100	1975260000
4	15.00	0.591	100	1975270000
5	20.00	0.788	50	1975280000
6	25.00	0.985	50	1975290000
7	30.00	1.182	50	1975300000
8	35.00	1.379	50	1975310000
9	40.00	1.576	50	1975320000
10	45.00	1.773	50	1975330000
11	50.00	1.970	50	1975340000
12	55.00	2.167	50	1975350000

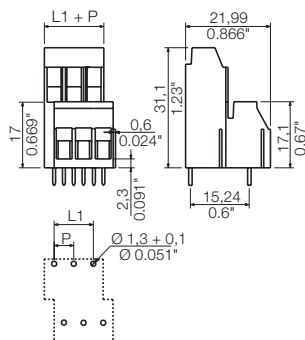
### Representative derating curve



## LL2N 5.00/./90



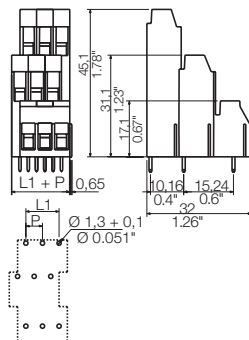
Dimensioned drawing



## LL3R 5.00/./90



Dimensioned drawing



## Ordering data

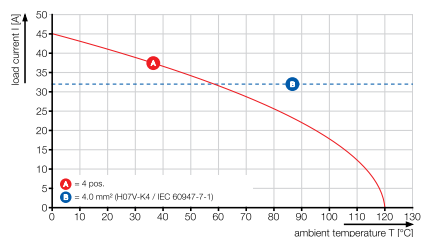
Solder pin length			3.2 mm	
Colour			orange	
Pitch 5.00 mm				
Pol.	L1	(inch)	Qty.	Order No.
4	10.00	0.197	50	1934310000
8	15.00	0.591	50	1977260000
12	25.00	0.985	50	1977280000
16	35.00	1.379	20	1977310000
20	45.00	1.773	20	1977330000
24	55.00	2.167	10	1977350000
28	65.00	2.561	10	1977370000
32	75.00	2.955	10	1977390000
36	85.00	3.349	10	1977410000
40	95.00	3.743	10	1977430000
44	105.00	4.137	10	1977450000
48	115.00	4.531	10	1977470000

## Ordering data

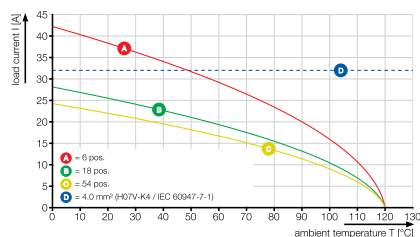
Solder pin length				3.2 mm
Colour				orange
Pitch		5.00 mm		
Pol.	L1	(inch)	Qty.	Order No.
6	5.00	0.197	50	1934360000
12	15.00	0.591	50	1978850000
18	25.00	0.985	25	1978870000
24	35.00	1.379	20	1978890000
30	45.00	1.773	10	1978910000
36	55.00	2.167	10	1978930000
42	65.00	2.561	10	1978950000
48	75.00	2.955	10	1978970000
54	85.00	3.349	10	1978990000
60	95.00	3.743	5	1979010000
66	105.00	4.137	5	1979030000
72	115.00	4.531	5	1979050000

## Additional derating curves

LL2N 5.00/./90



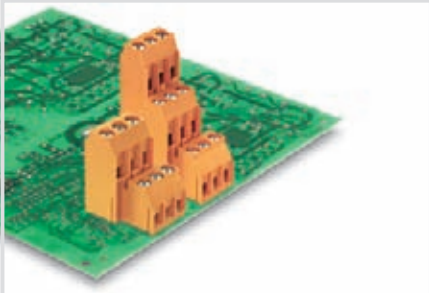
LL3R 5.00/./90





## Clamping yoke screw connection

### LL 5.08, multi level



Multi-level PCB Terminal with the proven clamping-yoke screw connection in 5.08-mm pitch, suitable for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Increased derating reserves because WEMID insulating material is used.
- Wire outlet direction: 90°
- Block construction can be aligned together for higher pole counts

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.08...6	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4	
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5	
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264	
Tightening torque range	Nm	0.5...0.6	
<b>Rated current, max.</b>	<b>A</b>	<b>32.5</b>	<b>27.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5	
Overvoltage category		III	III    II
Pollution severity		3	2    2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320</b> <b>500</b>
Rated impulse voltage	kV	4	4    4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b> <b>300</b>
<b>Rated current</b>	<b>A</b>	<b>20</b>	<b>10</b> <b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-12</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b> <b>D</b>
Rated voltage	V	300	300    300
Rated current	A	20	10    10
AWG conductor	AWG	28-12	
<b>General data</b>			
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	0.75 x 0.9	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 500 V / 32.5 A / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 20 A / AWG 28 - 12

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

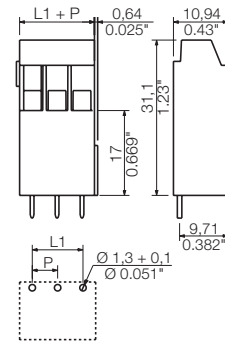
#### Note:

- 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.

### LL1N 5.08/..90



#### Dimensioned drawing



### Accessories

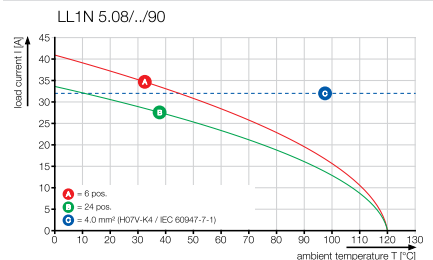
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length		3.2 mm		
Colour		orange		
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	1975360000
3	10.16	0.400	100	1975370000
4	15.24	0.600	100	1975380000
5	20.32	0.800	50	1975390000
6	25.40	1.000	50	1975400000
7	30.48	1.200	50	1975410000
8	35.56	1.400	50	1975420000
9	40.64	1.600	50	1975430000
10	45.72	1.800	50	1975440000
11	50.80	2.000	50	1975460000
12	55.88	2.200	50	1975470000

#### Representative derating curve

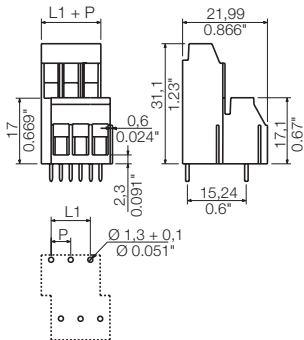


LL2N 5.08/./90

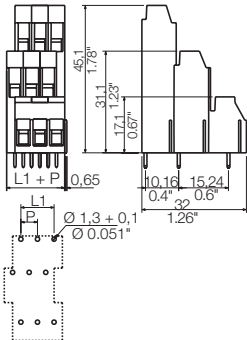
LL3R 5.08/./90



Dimensioned drawing



Dimensioned drawing



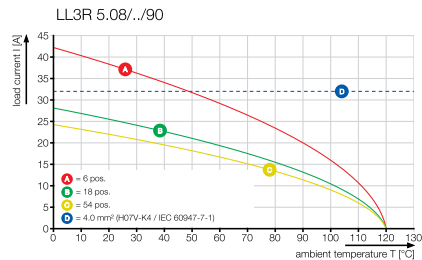
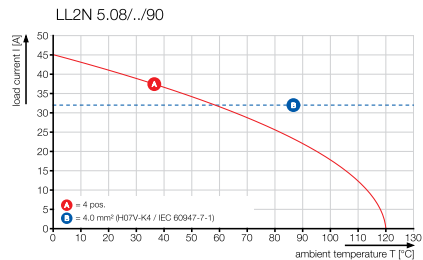
Ordering data

Solder pin length		3.2 mm	
Colour		orange	
Pitch		5.08 mm	
Pol.	L1	(inch)	Qty. Order No.
8	15.24	0.600	50 1977480000
12	25.40	1.000	50 1977500000
16	35.56	1.400	20 1977520000
20	45.72	1.800	20 1977540000
24	55.88	2.200	10 1977560000
28	66.04	2.600	10 1977580000
32	76.20	3.000	10 1977600000
36	86.36	3.400	10 1977620000
40	96.52	3.800	10 1977640000
44	106.68	4.200	10 1977660000
48	116.84	4.600	10 1977680000

Ordering data

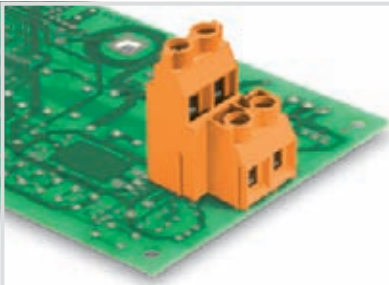
Solder pin length		3.2 mm	
Colour		orange	
Pitch		5.08 mm	
Pol.	L1	(inch)	Qty. Order No.
6	5.08	0.200	50 1934340000
12	15.24	0.600	50 1979060000
18	25.40	1.000	25 1979080000
24	35.56	1.400	20 1979100000
30	45.72	1.800	10 1979120000
36	55.88	2.200	10 1979140000
42	66.04	2.600	10 1979160000
48	76.20	3.000	10 1979180000
54	86.36	3.400	10 1979200000
60	96.52	3.800	5 1979220000
66	106.68	4.200	5 1979240000
72	116.84	4.600	5 1979260000

Additional derating curves





## LL 9.52, multi level



Double-level PCB Terminal with the proven clamping-yoke screw connection in 9.52-mm pitch, suitable for wire cross-sections up to 6 mm<sup>2</sup>.

- Increased derating reserves because WEMID insulating material is used.
- Wire outlet direction: 90°
- Block construction can be aligned together for higher pole counts

## Product data

IEC: 1000 V / 32 A / 0.18 - 6 mm<sup>2</sup>  
UL: 300 V / 30 A / AWG 26 - 10

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

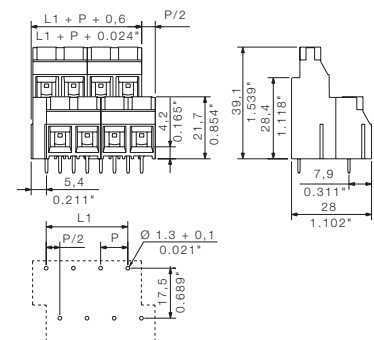
## Note:

- 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.

## LL2N 9.52/.. /90



## Dimensioned drawing



## Technical data

## In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.18...6
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.18...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.22...4
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	7
Screwdriver blade	mm	0.8 x 4.0
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	4
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>690 690 1000</b>
Rated impulse voltage	kV	6 6 6
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>30 30</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-10</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	30 30
AWG conductor	AWG	26-10
<b>General data</b>		
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	0.5 x 1.0
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

## Accessories

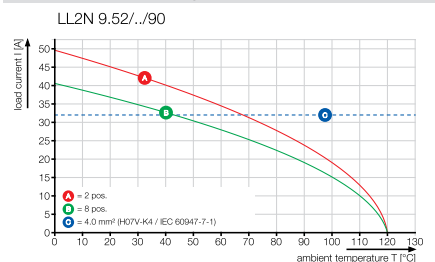
Note: Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,8x4,0x100	9008340000
SDI 0,8x4,0x100	9008400000
Crosshead screwdriver	
SDK PZ1	9008530000

## Ordering data

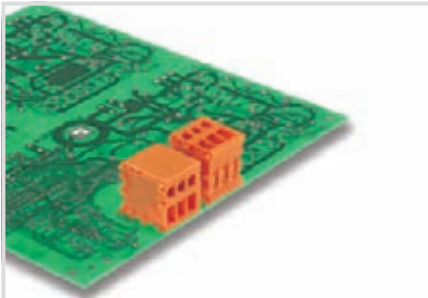
Solder pin length				5 mm
Colour				orange
Pitch		9.52 mm		
Pol.	L1	(inch)	Qty.	Order No.
4	9.52	3.750	10	1926350000
8	28.56	11.250	10	1926360000
12	47.60	18.750	10	1926370000
16	66.64	26.250	5	1926380000
20	85.68	33.750	5	1926390000
24	104.72	41.250	5	1926400000

## Representative derating curve



## TOP-screw connection

### TOP 1.5GS/../-5.08



PCB Terminal with TOP screw connection, in 5.08-mm pitch, for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Wire entry and screw connection in the same direction.
- Wire outlet direction: 90° and 180°

### Product data

IEC: 630 V / 24 A / 0.5 - 2.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

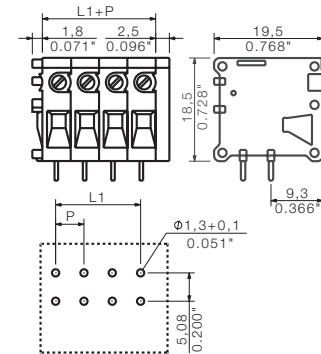
#### Note:

- Additional colours on request
- 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
- Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.
- 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.

### TOP 1.5GS/../-90-5.08



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...2.5
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	10
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.4...0.5
<b>Rated current, max.</b>	<b>A</b>	<b>24 21</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 630</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	26-14
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		CuZn
Material of contact surface		tinned
Pin dimensions = d	mm	0.8 x 1.0
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

### Accessories

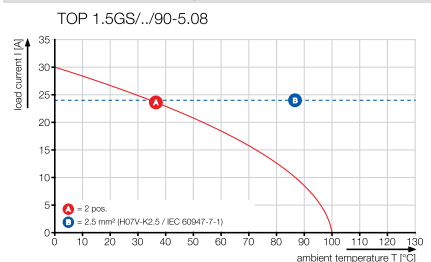
**Note:** Refer to the Accessories chapter for additional accessories.

Mounting block	Order No.
TOP1.5GS BB OR	1539860000
<b>Screwdriver</b>	
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	100 0641960000
3	10.16	0.400	100 0642060000
4	15.24	0.600	50 0642160000
5	20.32	0.800	50 1578820000
6	25.40	1.000	50 0593860000
7	30.48	1.200	50 0593960000
8	35.56	1.400	50 0594060000
9	40.64	1.600	50 0594160000
10	45.72	1.800	50 0642260000
11	50.80	2.000	50 0594260000
12	55.88	2.200	50 0594360000
13	60.96	2.400	50 0594460000
14	66.04	2.600	50 0594560000
15	71.12	2.800	50 0594660000
16	76.20	3.000	20 0642360000
17	81.28	3.200	20 0594760000
18	86.36	3.400	20 1707040000
19	91.44	3.600	10 0594960000
20	96.52	3.800	10 0595060000
21	101.60	4.000	10 0595160000
22	106.68	4.200	10 0595260000
23	111.76	4.400	10 0595360000
24	116.84	4.600	10 0595460000

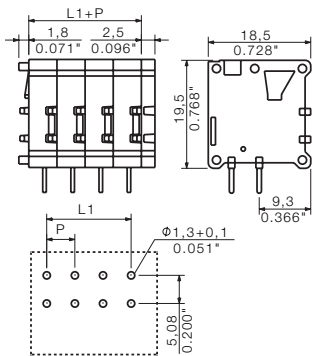
#### Representative derating curve



TOP 1.5GS/./180-5.08



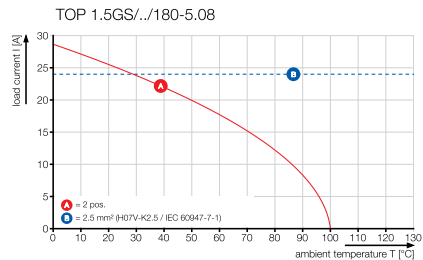
Dimensioned drawing



Ordering data

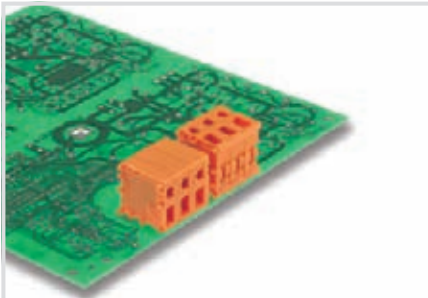
Solder pin length		4.5 mm		
Colour		orange		
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	100	0569960000
3	10.16	0.400	100	0570160000
4	15.24	0.600	50	0570360000
5	20.32	0.800	50	0597360000
6	25.40	1.000	50	0597460000
7	30.48	1.200	50	1695700000
8	35.56	1.400	25	0597660000
9	40.64	1.600	20	1474660000
10	45.72	1.800	20	0570560000
11	50.80	2.000	20	1474760000
12	55.88	2.200	20	0597960000
13	60.96	2.400	20	1724740000
14	66.04	2.600	20	0598160000
15	71.12	2.800	20	1782490000
16	76.20	3.000	20	0570760000
17	81.28	3.200	20	0598360000
18	86.36	3.400	20	0598460000
19	91.44	3.600	20	0598560000
20	96.52	3.800	20	0598660000
21	101.60	4.000	10	0598760000
22	106.68	4.200	10	0598860000
23	111.76	4.400	10	0598960000
24	116.84	4.600	10	0599060000

Additional derating curves



## TOP-screw connection

### TOP 1.5GS/../-7.62



PCB Terminal with TOP screw connection, in 7.62-mm pitch, for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Wire entry and screw connection in the same direction.
- Wire outlet direction: 90° and 180°

### Product data

IEC: 1000 V / 24 A / 0.5 - 2.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

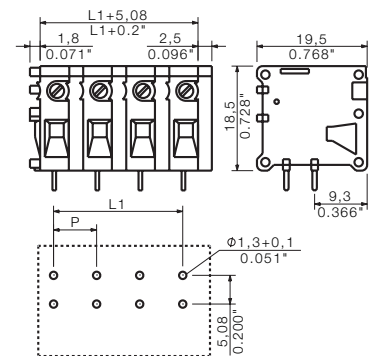
#### Note:

- Additional colours on request
- 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
- Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.
- 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.

### TOP 1.5GS/../-90-7.62



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...2.5
Flexible with ferrule	mm <sup>2</sup>	0.5...2.5
Ferrule with plastic collar	mm <sup>2</sup>	0.5...2.5
Stripping length	mm	10
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.4...0.5
<b>Rated current, max.</b>	<b>A</b>	<b>24 21</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>400 630 1000</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	26-14
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		CuZn
Material of contact surface		tinned
Pin dimensions = d	mm	0.8 x 1.0
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

### Accessories

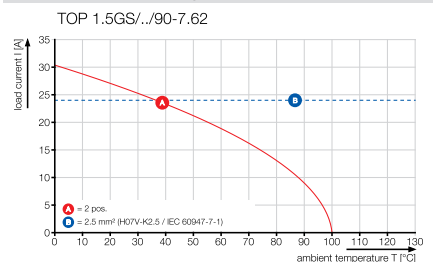
**Note:** Refer to the Accessories chapter for additional accessories.

Mounting block	Order No.
TOP1.5GS BB OR	1539860000
<b>Screwdriver</b>	
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000

### Ordering data

Solder pin length				3.5 mm
Colour				orange
Pitch 7.62 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	100	0393360000
3	15.24	0.600	100	0393460000
4	22.86	0.900	50	0393560000
5	30.48	1.200	25	0393660000
6	38.10	1.500	20	1683990000
7	45.72	1.800	20	1647310000
8	53.34	2.100	20	0642460000
9	60.96	2.400	20	0393960000
10	68.58	2.700	20	0642560000
11	76.20	3.000	20	0394060000
12	83.82	3.300	20	0394160000

#### Representative derating curve

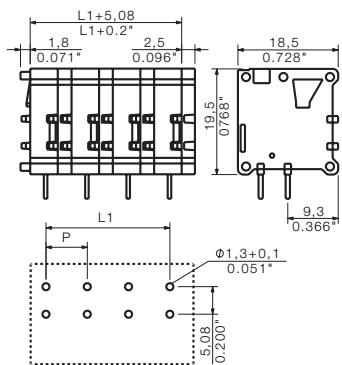




TOP 1.5GS/./180-7.62



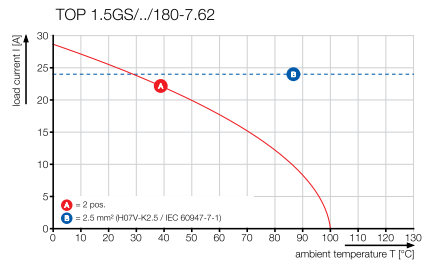
Dimensioned drawing



Ordering data

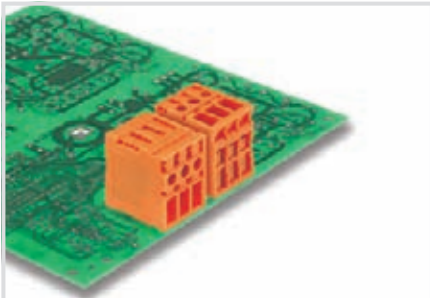
Solder pin length		4.5 mm	
Colour		orange	
Pitch		7.62 mm	
Pol.	L1	(inch)	Qty. Order No.
2	7.62	0.300	100 0391360000
3	15.24	0.600	50 0391460000
4	22.86	0.900	50 0391560000
5	30.48	1.200	25 1490460000
6	38.10	1.500	25 1597060000
7	45.72	1.800	25 1597070000
8	53.34	2.100	20 0570960000
9	60.96	2.400	20 1597080000
10	68.58	2.700	20 0571160000
11	76.20	3.000	20 1597090000
12	83.82	3.300	20 0392160000

Additional derating curves



## TOP-screw connection

### TOP 4GS/..-6.35



PCB Terminal with TOP screw connection, in 6.35-mm pitch, for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Wire entry and screw connection in the same direction.
- Wire outlet direction: 90° and 180°

### Product data

IEC: 320 V / 32 / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 30 A / AWG 26 - 10

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

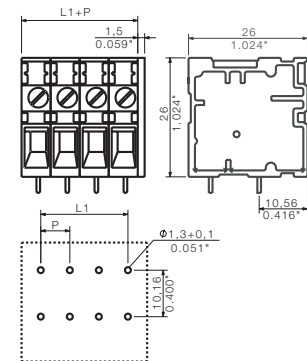
#### Note:

- Additional colours on request
- 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
- Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.
- 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.

### TOP 4GS/..90-6.35



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...4
Ferrule with plastic collar	mm <sup>2</sup>	0.5...4
Stripping length	mm	13
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32 32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	4
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>320 320 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>30 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-10</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	30 10
AWG conductor	AWG	26-10
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		E-Cu
Material of contact surface		tinned
Pin dimensions = d	mm	0.8 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.

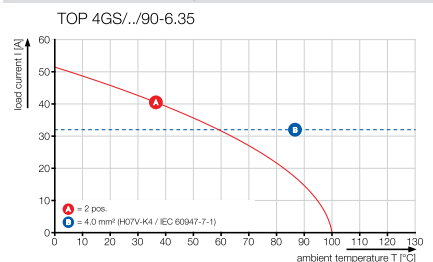
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### Ordering data

Solder pin length				3.5 mm
Colour				orange
Pitch 6.35 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	6.35	0.250	100	1401760000
3	12.70	0.500	100	1650300000
4	19.05	0.750	50	1786030000
5	25.40	1.000	50	1786040000
6	31.75	1.250	50	1786050000
7	38.10	1.500	50	1786060000
8	44.45	1.750	50	1667910000
9	50.80	2.000	50	1786070000
10	57.15	2.250	50	1786080000
11	63.50	2.500	50	1786090000
12	69.85	2.750	50	1786100000

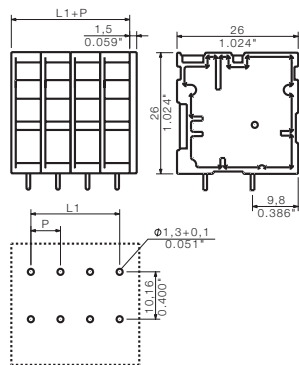
#### Representative derating curve



TOP 4GS/./180-6.35



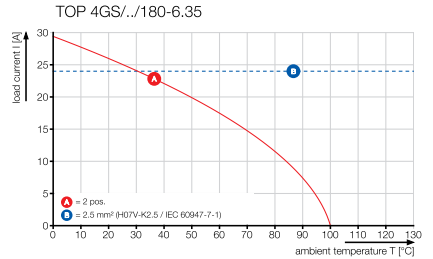
Dimensioned drawing



Ordering data

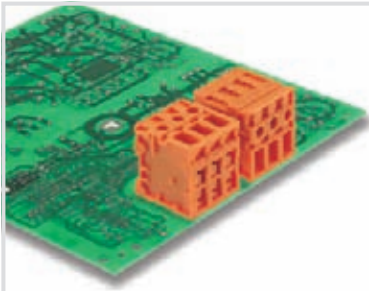
Solder pin length		3.5 mm	
Colour		orange	
Pitch		6.35 mm	
Pol.	L1	(inch)	Qty. Order No.
2	6.35	0.250	100 1786190000
3	12.70	0.500	100 1786200000
4	19.05	0.750	50 1786210000
5	25.40	1.000	50 1786220000
6	31.75	1.250	50 1786230000
7	38.10	1.500	50 1786240000
8	44.45	1.750	50 1786250000
9	50.80	2.000	50 1786260000
10	57.15	2.250	50 1786270000
11	63.50	2.500	50 1786280000
12	69.85	2.750	50 1786290000

Additional derating curves



## TOP-screw connection

### TOP 4GS/..-7.62



PCB Terminal with TOP screw connection, in 7.62-mm pitch, for wire cross-sections up to 6.0 mm<sup>2</sup>.

- Wire entry and screw connection in the same direction.
- Wire outlet direction: 90° and 180°

### Product data

IEC: 1000 V / 32 / 0.5 - 6 mm<sup>2</sup>  
UL: 300 V / 30 A / AWG 26 - 10

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

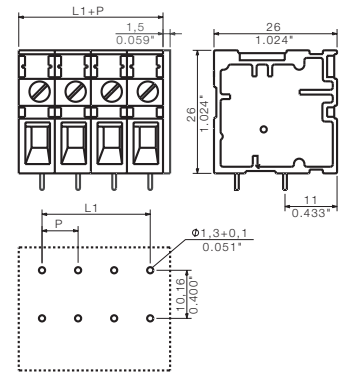
#### Note:

- Additional colours on request
- 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
- Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.
- 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.

### TOP 4GS/..90-7.62



#### Dimensioned drawing



### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...6
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.5...6</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.5...4
Flexible with ferrule	mm <sup>2</sup>	0.5...4
Ferrule with plastic collar	mm <sup>2</sup>	0.5...4
Stripping length	mm	13
Screwdriver blade	mm	0.6 x 3.5
According to norm		DIN 5264
Tightening torque range	Nm	0.5...0.6
<b>Rated current, max.</b>	<b>A</b>	<b>32</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	4
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 1000</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>30 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-10</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	30 10
AWG conductor	AWG	26-10
<b>General data</b>		
Type of insulation material		PA
Flammability class UL 94		V-2
Contact base material		E-Cu
Material of contact surface		tinned
Pin dimensions = d	mm	0.8 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.

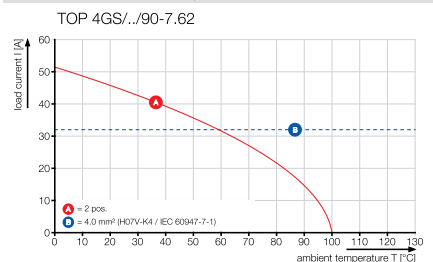
Screwdriver	Order No.
SD 0,6x3,5x100	9008330000
SDI 0,6x3,5x100	9008390000



### Ordering data

Solder pin length				3.5 mm
Colour				orange
Pitch 7.62 mm				
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	50	0289660000
3	15.24	0.600	50	0289760000
4	22.86	0.900	50	0290160000
5	30.48	1.200	50	1698740000
6	38.10	1.500	50	1786410000
7	45.72	1.800	50	1647300000
8	53.34	2.100	50	1786420000
9	60.96	2.400	50	1786430000
10	68.58	2.700	50	1786440000
11	76.20	3.000	50	1759860000
12	83.82	3.300	50	1786450000

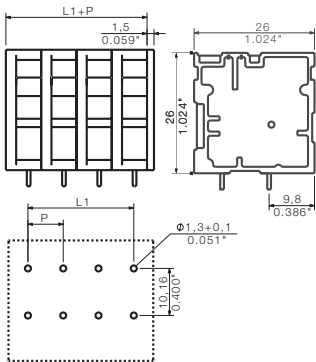
#### Representative derating curve



TOP 4GS/./180-7.62



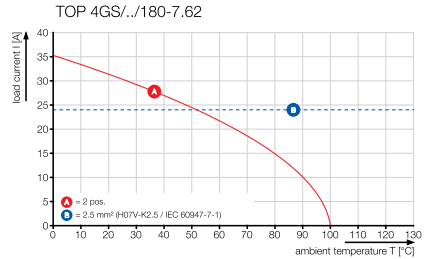
Dimensioned drawing



Ordering data

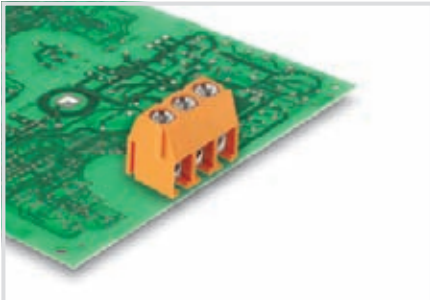
Solder pin length			3.5 mm	
Colour			orange	
Pitch			7.62 mm	
Pol.	L1	(inch)	Qty.	Order No.
2	7.62	0.300	50	0298360000
3	15.24	0.600	50	0298460000
4	22.86	0.900	50	0298560000
5	30.48	1.200	50	1786540000
6	38.10	1.500	50	1494560000
7	45.72	1.800	50	1786550000
8	53.34	2.100	50	1786560000
9	60.96	2.400	50	1571700000
10	68.58	2.700	50	1786570000
11	76.20	3.000	50	1786580000
12	83.82	3.300	50	1749170000

Additional derating curves



## Leaf spring screw connection

### PS 3.5/..../90



Very compact PCB Terminal with leaf spring screw connection, in 3.5 mm pitch for wire cross-sections up to 1.5 mm<sup>2</sup>.

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

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.08...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...0.75
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	4
Screwdriver blade	mm	0.4 x 2.5
According to norm		DIN 5264
Tightening torque range	Nm	0.2...0.25
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	0.75
Overvoltage category		III III II
Pollution severity		3 2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-16</b>

#### CSA (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>28-16</b>

#### 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	0.8
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 28 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

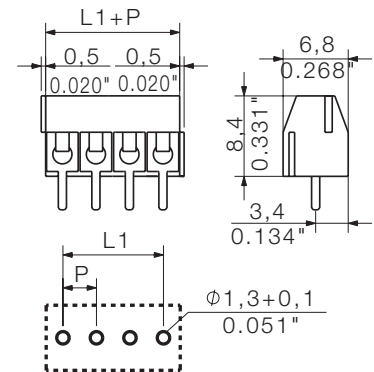
#### Note:

- 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
- The data given under CSA relates to a cUL approval - E60693
- 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.

### PS 3.5/..../90



#### Dimensioned drawing



### Accessories

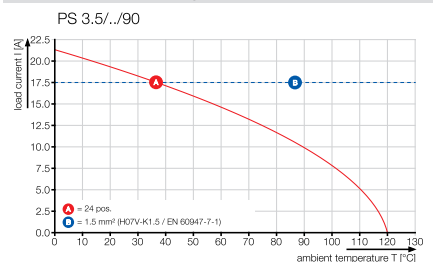
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length		3.5 mm
Colour		orange
Pitch	3.50 mm	
Pol.	L1 (inch)	Qty. Order No.
2	3.50 0.138	100 1912320000
3	7.00 0.276	100 1912330000
4	10.50 0.413	100 1912340000
5	14.00 0.551	100 1912350000
6	17.50 0.689	100 1912360000
7	21.00 0.827	100 1912370000
8	24.50 0.965	100 1912380000
9	28.00 1.102	100 1912390000
10	31.50 1.240	100 1912400000
11	35.00 1.378	100 1912410000
12	38.50 1.516	100 1912420000

#### Representative derating curve







## Leaf spring screw connection

### PM 5.0x/.../90



PCB Terminal with leaf spring screw connection in 5.00 and 5.08-mm pitches for wire cross-sections up to 2.5 mm<sup>2</sup>.

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

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.13...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.13...2.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	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
<b>Rated current, max.</b>	<b>A</b>	<b>24 24</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 600</b>
Rated impulse voltage	kV	4 4 4

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>

#### CSA (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>

#### 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 1.0
Solder eyelet Ø = D	mm 1.3
Solder eyelet Ø tolerance	mm + 0,1

### Product data

IEC: 600 V / 24 A / 0.13 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

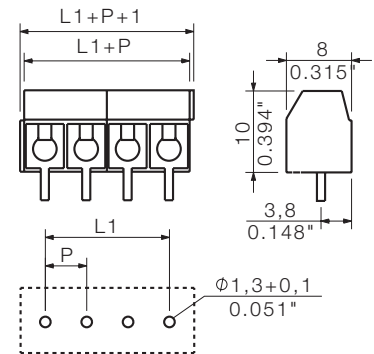
#### Note:

- 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
- The data given under CSA relates to a cUL approval - E60693
- 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.

### PM 5.00/.../90



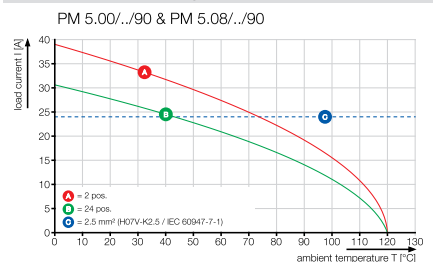
#### Dimensioned drawing



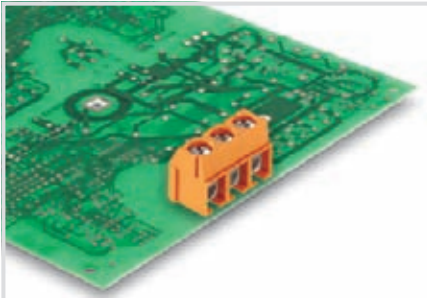
### Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch	5.00 mm		
Pol.	L1	(inch)	Qty. Order No.
2	5.00	0.197	500 1791610000
3	10.00	0.394	500 1791620000
4	15.00	0.591	100 1234650000
5	20.00	0.787	100 1234670000
6	25.00	0.984	100 1234680000
7	30.00	1.181	100 1234690000
8	35.00	1.378	100 1234700000
9	40.00	1.575	100 1234710000
10	45.00	1.772	100 1234720000
11	50.00	1.969	100 1234730000
12	55.00	2.165	100 1234740000

#### Representative derating curve



## PM 5.0x/./90



PCB Terminal with leaf spring screw connection in 5.00 and 5.08-mm pitches for wire cross-sections up to 2.5 mm<sup>2</sup>.

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

## Product data

IEC: 600 V / 24 A / 0.13 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

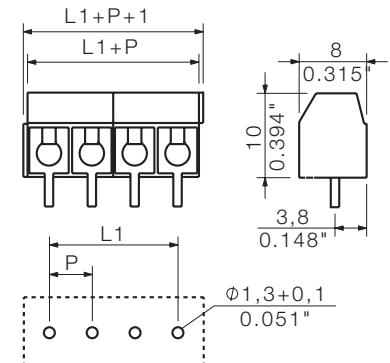
### Note:

- 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
- The data given under CSA relates to a cUL approval - E60693
- 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.

## PM 5.08/./90



### Dimensioned drawing



## Technical data

### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...2.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.13...2.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.13...2.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	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
<b>Rated current, max.</b>	<b>A</b>	<b>24 24</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 250 600</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>15 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	15 10
AWG conductor	AWG	26-14
<b>General data</b>		
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	1.0
Solder eyelet Ø = D	mm	1.3
Solder eyelet Ø tolerance	mm	+ 0,1

## Accessories

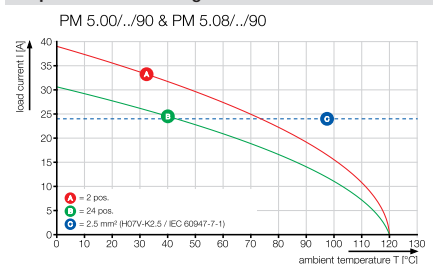
Note: Refer to the Accessories chapter for additional accessories.

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

## Ordering data

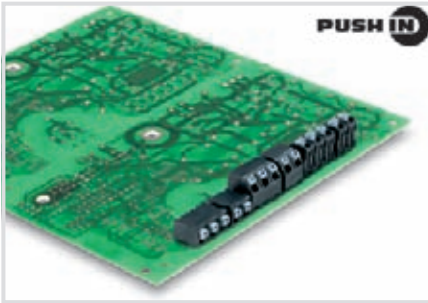
Solder pin length				3.5 mm
Colour				orange
Pitch	5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	500	1760490000
3	10.16	0.400	500	1760500000
4	15.24	0.600	100	1234550000
5	20.32	0.800	100	1234570000
6	25.40	1.000	100	1234580000
7	30.48	1.200	100	1234590000
8	35.56	1.400	100	1234600000
9	40.64	1.600	100	1234610000
10	45.72	1.800	100	1234620000
11	50.80	2.000	100	1234630000
12	55.88	2.200	100	1234640000

### Representative derating curve



## PUSH IN spring connection

### LSF-SMT 3.5/..../90



PCB Terminal for fully automatic assembly, in 3.5 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.13...1.5	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5	
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5	
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75	
Stripping length	mm	8	
Screwdriver blade	mm		
According to norm			
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>17.5</b>	<b>17.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160</b>	<b>160 320</b>
Rated impulse voltage	kV	2.5	2.5 2.5
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>12</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C D</b>
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor	AWG	24-16	
<b>General data</b>			
Type of insulation material		LCP GF	
Flammability class UL 94		V-0	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.35 x 0.8	
Solder eyelet Ø = D	mm	1.1	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://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
- P on drg. = pitch
- Operating force of slider max. 40 N
- 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.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

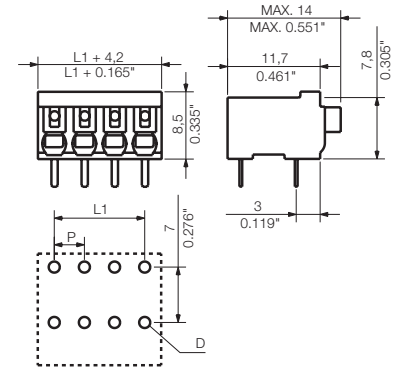
Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### LSF-SMT 3.5/..../90

#### Reflow-compatible PCB Terminal



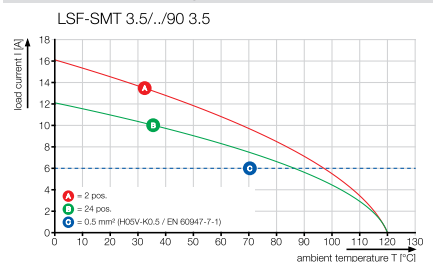
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.50	0.138	71	1870500000	1824420000
3	7.00	0.276	49	1870530000	1824430000
4	10.50	0.413	37	1870550000	1824440000
5	14.00	0.551	30	1870580000	1824450000
6	17.50	0.689	25	1870590000	1824460000
7	21.00	0.827	21	1871020000	1824470000
8	24.50	0.965	19	1871030000	1824480000
9	28.00	1.102	17	1871040000	1824490000
10	31.50	1.240	15	1871050000	1824500000
11	35.00	1.378	14	1871060000	1824510000
12	38.50	1.516	12	1871070000	1824520000
13	42.00	1.654	11	1871080000	1870380000
14	45.50	1.791	11	1871090000	1870390000
15	49.00	1.929	10	1871100000	1870400000
16	52.50	2.067	9	1871110000	1870410000
17	56.00	2.205	9	1871120000	1870420000
18	59.50	2.343	8	1871130000	1870430000
19	63.00	2.480	8	1871140000	1870440000
20	66.50	2.618	7	1871150000	1870450000
21	70.00	2.756	7	1871160000	1870460000
22	73.50	2.894	7	1871170000	1870470000
23	77.00	3.031	6	1871180000	1870480000
24	80.50	3.169	6	1871190000	1870490000

#### Representative derating curve



LSF-SMT 3.5/./90 Tape

Reflow-compatible PCB Terminal



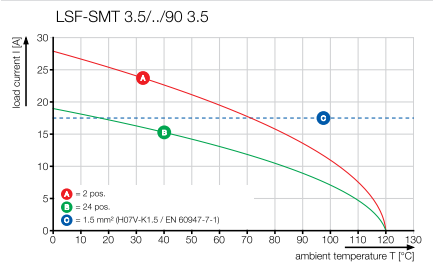
Dimensioned drawing

Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.50	0.138	265	1874690000	1874990000
3	7.00	0.276	265	1874710000	1875030000
4	10.50	0.413	265	1874730000	1875050000
5	14.00	0.551	265	1874740000	1875070000
6	17.50	0.689	265	1874810000	1875080000
7	21.00	0.827	265	1874840000	1875100000
8	24.50	0.965	265	1874890000	1875110000
9	28.00	1.102	265	1874900000	1875120000
10	31.50	1.240	265	1874930000	1875130000
11	35.00	1.378	265	1874940000	1875140000
12	38.50	1.516	265	1874970000	1875160000

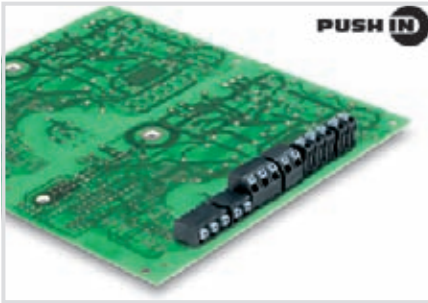
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 3.5/..../135



PCB Terminal for fully automatic assembly, in 3.5 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://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
- P on drg. = pitch
- Operating force of slider max. 40 N
- 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.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

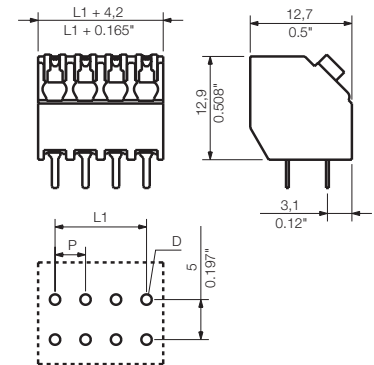
Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### LSF-SMT 3.5/..../135

#### Reflow-compatible PCB Terminal



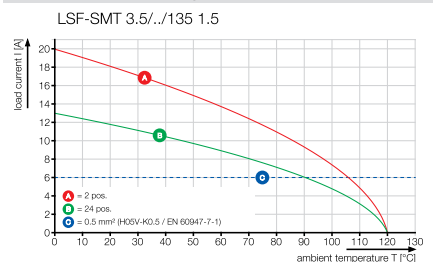
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.50	0.138	71	1885180000	1885650000
3	7.00	0.276	49	1885190000	1885660000
4	10.50	0.413	37	1885200000	1885670000
5	14.00	0.551	30	1885210000	1885680000
6	17.50	0.689	25	1885220000	1885690000
7	21.00	0.827	21	1885230000	1885700000
8	24.50	0.965	19	1885240000	1885710000
9	28.00	1.102	17	1885250000	1885720000
10	31.50	1.240	15	1885260000	1885730000
11	35.00	1.378	14	1885270000	1885740000
12	38.50	1.516	12	1885280000	1885750000
13	42.00	1.654	11	1885290000	1885760000
14	45.50	1.791	11	1885300000	1885770000
15	49.00	1.929	10	1885310000	1885780000
16	52.50	2.067	9	1885320000	1885790000
17	56.00	2.205	9	1885330000	1885800000
18	59.50	2.343	8	1885340000	1885810000
19	63.00	2.480	8	1885350000	1885820000
20	66.50	2.618	7	1885360000	1885830000
21	70.00	2.756	7	1885370000	1885840000
22	73.50	2.894	7	1885380000	1885850000
23	77.00	3.031	6	1885390000	1885860000
24	80.50	3.169	6	1885400000	1885870000

#### Representative derating curve



LSF-SMT 3.5/./135 Tape

Reflow-compatible PCB Terminal



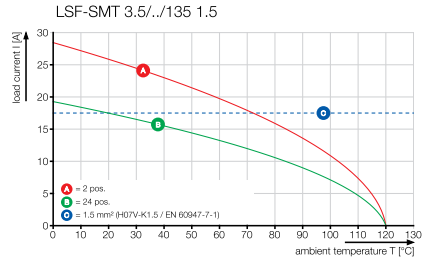
Dimensioned drawing

Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch		3.50 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.50	0.138	190	1887550000	1887340000
3	7.00	0.276	190	1887560000	1887350000
4	10.50	0.413	190	1887580000	1887360000
5	14.00	0.551	190	1887630000	1887460000
6	17.50	0.689	190	1887640000	1887470000
7	21.00	0.827	190	1887650000	1887480000
8	24.50	0.965	190	1887660000	1887490000
9	28.00	1.102	190	1887670000	1887500000
10	31.50	1.240	190	1887680000	1887510000
11	35.00	1.378	190	1887690000	1887520000
12	38.50	1.516	190	1887700000	1887530000

Tape widths: 32, 44, 56, 72, 88

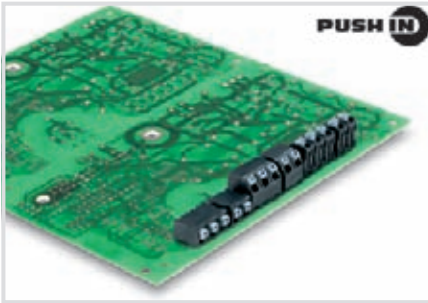
Additional derating curves





## PUSH IN spring connection

### LSF-SMT 3.5/..180



PCB Terminal for fully automatic assembly, in 3.5 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://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
- P on drg. = pitch
- Operating force of slider max. 40 N
- 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.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

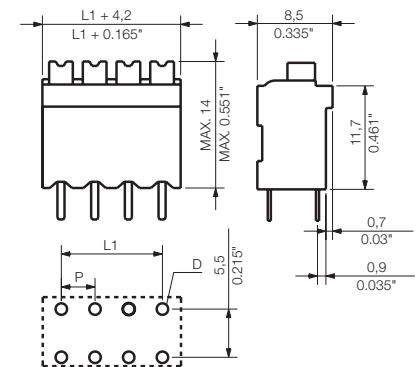
Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### LSF-SMT 3.5/..180

#### Reflow-compatible PCB Terminal



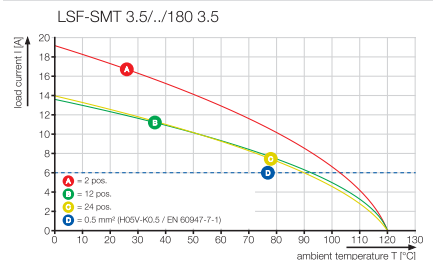
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.50	0.138	71	1870640000	1825640000
3	7.00	0.276	49	1870650000	1825650000
4	10.50	0.413	37	1870660000	1825660000
5	14.00	0.551	30	1870670000	1825670000
6	17.50	0.689	25	1870680000	1825680000
7	21.00	0.827	21	1870690000	1825690000
8	24.50	0.965	19	1870700000	1825700000
9	28.00	1.102	17	1870710000	1825710000
10	31.50	1.240	15	1870720000	1825720000
11	35.00	1.378	14	1870730000	1825730000
12	38.50	1.516	12	1870740000	1825740000
13	42.00	1.654	11	1870750000	1870350000
14	45.50	1.791	11	1870760000	1870360000
15	49.00	1.929	10	1870770000	1870370000
16	52.50	2.067	9	1870790000	1870510000
17	56.00	2.205	9	1870800000	1870520000
18	59.50	2.343	8	1870830000	1870540000
19	63.00	2.480	8	1870840000	1870560000
20	66.50	2.618	7	1870850000	1870570000
21	70.00	2.756	7	1870860000	1870600000
22	73.50	2.894	7	1870870000	1870610000
23	77.00	3.031	6	1870880000	1870620000
24	80.50	3.169	6	1870890000	1870630000

#### Representative derating curve





LSF-SMT 3.5/./180 Tape

Reflow-compatible PCB Terminal



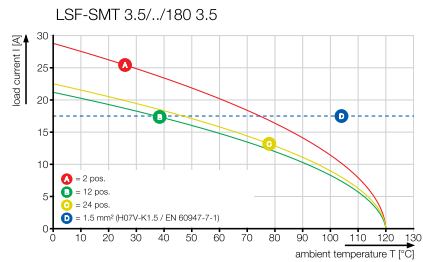
Dimensioned drawing

Ordering data

Solder pin length				1.5 mm		3.5 mm	
Colour				black		black	
Pitch				3.50 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.		
2	3.50	0.138	175	1874490000	1874510000		
3	7.00	0.276	175	1874300000	1874520000		
4	10.50	0.413	175	1874280000	1874540000		
5	14.00	0.551	175	1874310000	1874560000		
6	17.50	0.689	175	1874320000	1874590000		
7	21.00	0.827	175	1874340000	1874600000		
8	24.50	0.965	175	1874350000	1874610000		
9	28.00	1.102	175	1874370000	1874620000		
10	31.50	1.240	175	1874380000	1874640000		
11	35.00	1.378	175	1874400000	1874660000		
12	38.50	1.516	175	1874420000	1874680000		

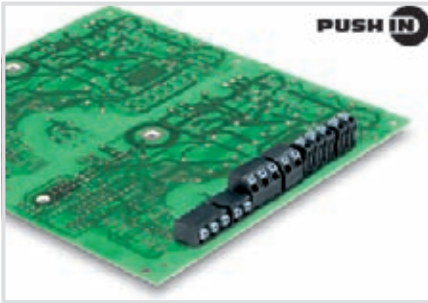
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 3.81/./90



PCB Terminal for fully automatic assembly, in 3.81 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

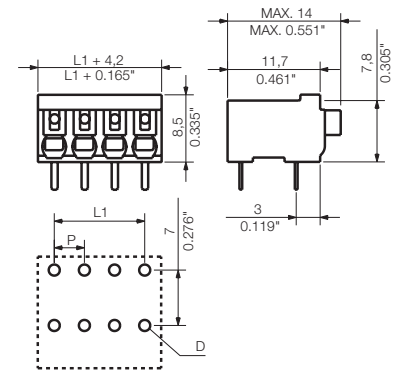
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 3.81/./90

#### Reflow-compatible PCB Terminal



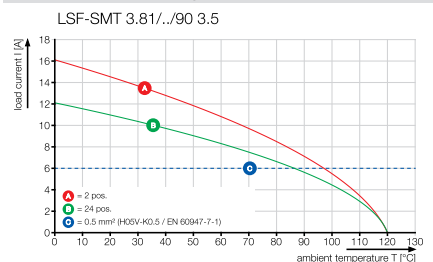
#### Dimensioned drawing



### Ordering data

Solder pin length			1.5 mm	3.5 mm	
Colour			black	black	
Pitch 3.81 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	69	1869360000	1824620000
3	7.62	0.300	46	1869370000	1824630000
4	11.43	0.450	35	1869380000	1824640000
5	15.24	0.600	28	1869390000	1824650000
6	19.05	0.750	23	1869400000	1824660000
7	22.86	0.900	20	1869410000	1824690000
8	26.67	1.050	17	1869420000	1824700000
9	30.48	1.200	15	1869430000	1824710000
10	34.29	1.350	14	1869440000	1824720000
11	38.10	1.500	13	1869450000	1824730000
12	41.91	1.650	12	1869460000	1825300000
13	45.72	1.800	11	1869470000	1871200000
14	49.53	1.950	10	1869480000	1871210000
15	53.34	2.100	9	1869500000	1871220000
16	57.15	2.250	9	1869510000	1871230000
17	60.96	2.400	8	1869520000	1871240000
18	64.77	2.550	8	1869530000	1871250000
19	68.58	2.700	7	1869540000	1871260000
20	72.39	2.850	7	1869550000	1871270000
21	76.20	3.000	6	1869560000	1871280000
22	80.01	3.150	6	1869570000	1871290000
23	83.82	3.300	6	1869580000	1871300000
24	87.63	3.450	6	1869590000	1871310000

#### Representative derating curve



LSF-SMT 3.81/./90 Tape

Reflow-compatible PCB Terminal



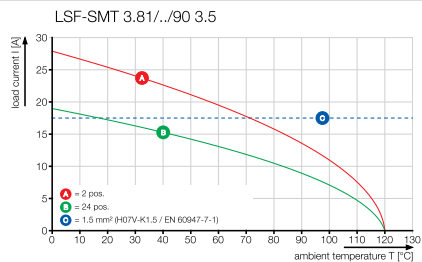
Dimensioned drawing

Ordering data

Solder pin length			1.5 mm	3.5 mm	
Colour			black	black	
Pitch 3.81 mm					
Pol.	L1 (inch)	Qty.	Order No.	Order No.	
2	3.81	0.150	265	1875170000	1875920000
3	7.62	0.300	265	1875230000	1875930000
4	11.43	0.450	265	1875240000	1875940000
5	15.24	0.600	265	1875250000	1875950000
6	19.05	0.750	265	1875260000	1875960000
7	22.86	0.900	265	1875270000	1875970000
8	26.67	1.050	265	1875280000	1875980000
9	30.48	1.200	265	1875290000	1875990000
10	34.29	1.350	265	1875300000	1876000000
11	38.10	1.500	265	1875310000	1876010000

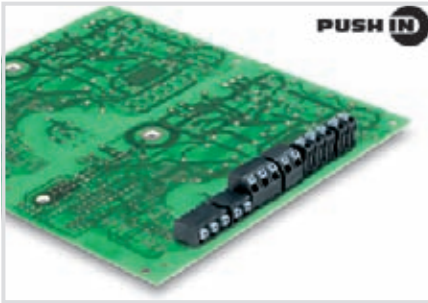
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 3.81/./135



PCB Terminal for fully automatic assembly, in 3.81 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...1.5	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.2...1.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.2...1.5	
Flexible with ferrule	mm²	0.25...1.5	
Ferrule with plastic collar	mm²	0.25...0.75	
Stripping length	mm	8	
Screwdriver blade	mm		
According to norm			
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>17.5</b>	<b>17.5</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	1.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160</b>	<b>160 320</b>
Rated impulse voltage	kV	2.5	2.5 2.5
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>12</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C D</b>
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor	AWG	24-16	
<b>General data</b>			
Type of insulation material		LCP GF	
Flammability class UL 94		V-0	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.35 x 0.8	
Solder eyelet Ø = D	mm	1.1	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://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
- P on drg. = pitch
- Operating force of slider max. 40 N
- 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.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### Accessories

**Note:** Refer to the Accessories chapter for additional accessories.

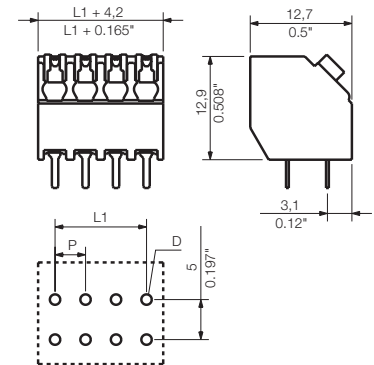
Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### LSF-SMT 3.81/./135

#### Reflow-compatible PCB Terminal



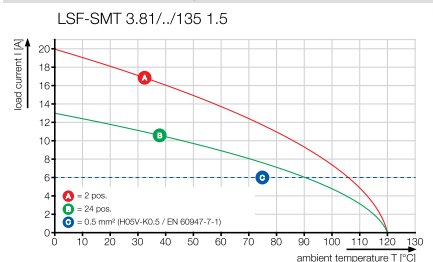
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.81 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	69	1885410000	1885890000
3	7.62	0.300	46	1885420000	1885890000
4	11.43	0.450	35	1885430000	1885900000
5	15.24	0.600	28	1885440000	1885910000
6	19.05	0.750	23	1885450000	1885920000
7	22.86	0.900	20	1885460000	1885930000
8	26.67	1.050	17	1885470000	1885940000
9	30.48	1.200	15	1885480000	1885950000
10	34.29	1.350	14	1885490000	1885960000
11	38.10	1.500	13	1885510000	1885970000
12	41.91	1.650	12	1885520000	1885980000
13	45.72	1.800	11	1885530000	1885990000
14	49.53	1.950	10	1885540000	1886000000
15	53.34	2.100	9	1885550000	1886010000
16	57.15	2.250	9	1885560000	1886020000
17	60.96	2.400	8	1885570000	1886030000
18	64.77	2.550	8	1885580000	1886040000
19	68.58	2.700	7	1885590000	1886050000
20	72.39	2.850	7	1885600000	1886060000
21	76.20	3.000	6	1885610000	1886070000
22	80.01	3.150	6	1885620000	1886080000
23	83.82	3.300	6	1885630000	1886090000
24	87.63	3.450	6	1885640000	1886100000

#### Representative derating curve



LSF-SMT 3.81/./135 Tape

Reflow-compatible PCB Terminal



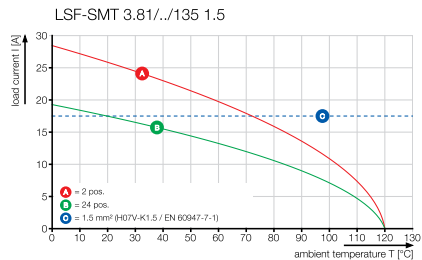
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch 3.81 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	190	1888450000	1888320000
3	7.62	0.300	190	1888460000	1888330000
4	11.43	0.450	190	1888470000	1888340000
5	15.24	0.600	190	1888480000	1888380000
6	19.05	0.750	190	1888490000	1888390000
7	22.86	0.900	190	1888500000	1888400000
8	26.67	1.050	190	1888510000	1888410000
9	30.48	1.200	190	1888520000	1888420000
10	34.29	1.350	190	1888530000	1888430000
11	38.10	1.500	190	1888540000	1888440000

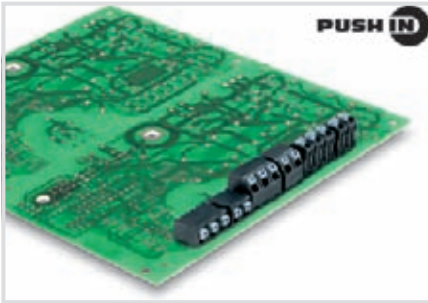
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 3.81/./180



PCB Terminal for fully automatic assembly, in 3.81 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	

According to norm

Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>160 160 320</b>
Rated impulse voltage	kV	2.5 2.5 2.5

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>

#### CSA (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>

#### General data

Type of insulation material	LCP GF
Flammability class UL 94	V-0
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.35 x 0.8
Solder eyelet Ø = D	mm 1.1
Solder eyelet Ø tolerance	mm + 0.1

### Product data

IEC: 320 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

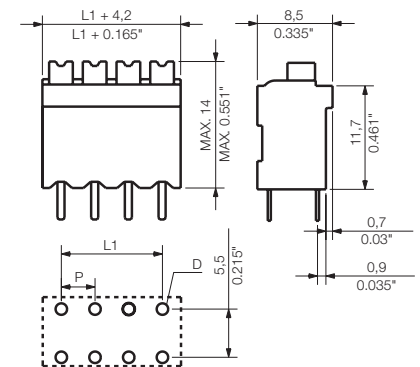
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 3.81/./180

#### Reflow-compatible PCB Terminal



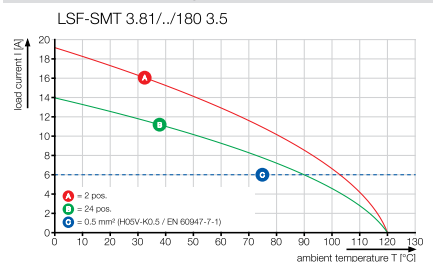
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 3.81 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	69	1869890000	1825790000
3	7.62	0.300	46	1869900000	1825800000
4	11.43	0.450	35	1869910000	1825810000
5	15.24	0.600	28	1869920000	1825820000
6	19.05	0.750	23	1869930000	1825830000
7	22.86	0.900	20	1869940000	1825840000
8	26.67	1.050	17	1869950000	1825850000
9	30.48	1.200	15	1869960000	1825870000
10	34.29	1.350	14	1869970000	1825880000
11	38.10	1.500	13	1870000000	1825890000
12	41.91	1.650	12	1870010000	1825920000
13	45.72	1.800	11	1870020000	1870900000
14	49.53	1.950	10	1870030000	1870910000
15	53.34	2.100	9	1870040000	1870920000
16	57.15	2.250	9	1870050000	1870930000
17	60.96	2.400	8	1870060000	1870940000
18	64.77	2.550	8	1870070000	1870950000
19	68.58	2.700	7	1870080000	1870960000
20	72.39	2.850	7	1870090000	1870970000
21	76.20	3.000	6	1870100000	1870980000
22	80.01	3.150	6	1870110000	1870990000
23	83.82	3.300	6	1870120000	1871000000
24	87.63	3.450	6	1870130000	1871010000

#### Representative derating curve



LSF-SMT 3.81/./180 Tape

Reflow-compatible PCB Terminal



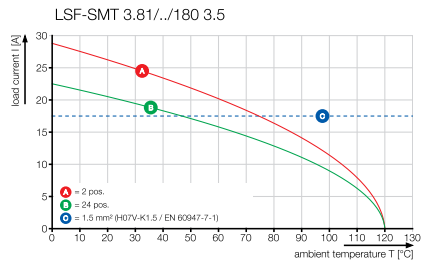
Dimensioned drawing

Ordering data

Solder pin length			1.5 mm	3.5 mm	
Colour			black	black	
Pitch 3.81 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	3.81	0.150	175	1875320000	1875550000
3	7.62	0.300	175	1875330000	1875570000
4	11.43	0.450	175	1875340000	1875590000
5	15.24	0.600	175	1875350000	1875650000
6	19.05	0.750	175	1875360000	1875670000
7	22.86	0.900	175	1875370000	1875680000
8	26.67	1.050	175	1875380000	1875710000
9	30.48	1.200	175	1875390000	1875730000
10	34.29	1.350	175	1875400000	1875760000
11	38.10	1.500	175	1875410000	1875810000

Tape widths: 32, 44, 56, 72, 88

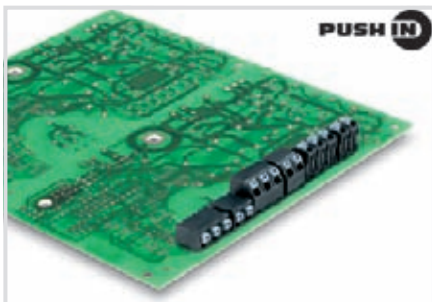
Additional derating curves





## PUSH IN spring connection

### LSF-SMT 5.00/./90



PCB Terminal for fully automatic assembly, in 5.00 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

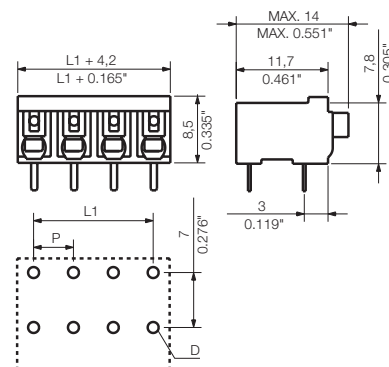
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.00/./90

#### Reflow-compatible PCB Terminal



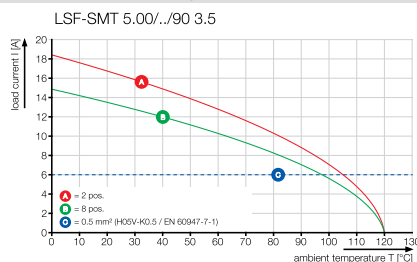
#### Dimensioned drawing



### Ordering data

Solder pin length		1.5 mm	3.5 mm
Colour		black	black
Pitch 5.00 mm			
Pol.	L1 (inch)	Qty.	Order No.
2	5.00 0.197	60	1869600000 1824740000
3	10.00 0.394	39	1869610000 1824750000
4	15.00 0.591	28	1869620000 1824760000
5	20.00 0.787	22	1869630000 1824770000
6	25.00 0.984	18	1869640000 1824780000
7	30.00 1.181	16	1869650000 1824790000
8	35.00 1.378	14	1869660000 1824800000

#### Representative derating curve



LSF-SMT 5.00/./90 Tape

Reflow-compatible PCB Terminal



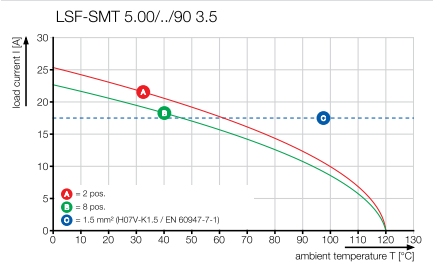
Dimensioned drawing

Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.00 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.00	0.197	265	1876240000	1876430000
3	10.00	0.394	265	1876260000	1876510000
4	15.00	0.591	265	1876270000	1876530000
5	20.00	0.787	265	1876280000	1876550000
6	25.00	0.984	265	1876300000	1876560000
7	30.00	1.181	265	1876330000	1876540000
8	35.00	1.378	265	1876350000	1876520000

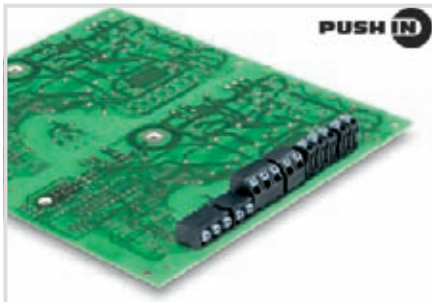
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 5.00/./135



PCB Terminal for fully automatic assembly, in 5.00 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	mm <sup>2</sup>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

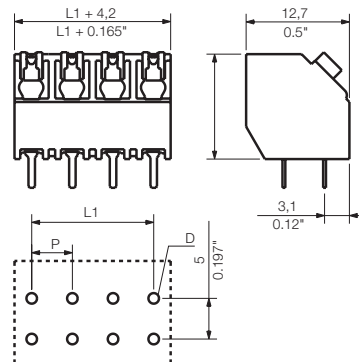
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.00/./135

#### Reflow-compatible PCB Terminal



#### Dimensioned drawing



### Accessories

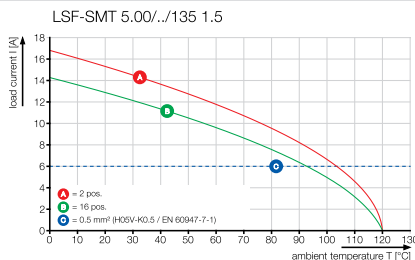
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.00 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.00	0.197	60	1884530000	1884340000
3	10.00	0.394	39	1884540000	1884370000
4	15.00	0.591	28	1884550000	1884380000
5	20.00	0.787	22	1884560000	1884390000
6	25.00	0.984	18	1884570000	1884400000
7	30.00	1.181	16	1884580000	1884410000
8	35.00	1.378	14	1884590000	1884420000
9	40.00	1.575	12	1884600000	1884430000
10	45.00	1.772	11	1884660000	1884440000
11	50.00	1.969	10	1884670000	1884450000
12	55.00	2.165	9	1884680000	1884460000
13	60.00	2.362	8	1884690000	1884470000
14	65.00	2.559	8	1884700000	1884500000
15	70.00	2.756	7	1884710000	1884510000
16	75.00	2.953	6	1884720000	1884520000

#### Representative derating curve



LSF-SMT 5.00/./135 Tape

Reflow-compatible PCB Terminal



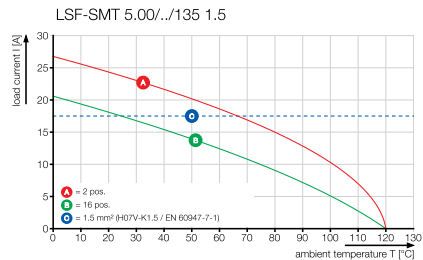
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm	3.5 mm		
Colour		black	black		
Pitch 5.00 mm					
Pol.	L1 (inch)	Qty.	Order No.	Order No.	
2	5.00	0.197	190	1888570000	1888640000
3	10.00	0.394	190	1888580000	1888650000
4	15.00	0.591	190	1888590000	1888660000
5	20.00	0.787	190	1888600000	1888670000
6	25.00	0.984	190	1888610000	1888680000
7	30.00	1.181	190	1888620000	1888690000
8	35.00	1.378	190	1888630000	1888700000

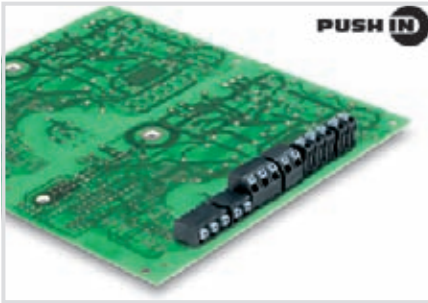
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 5.00/./180



PCB Terminal for fully automatic assembly, in 5.00 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

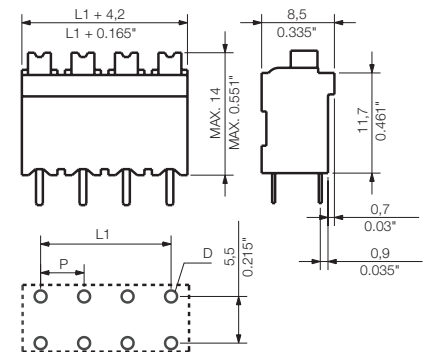
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.00/./180

#### Reflow-compatible PCB Terminal



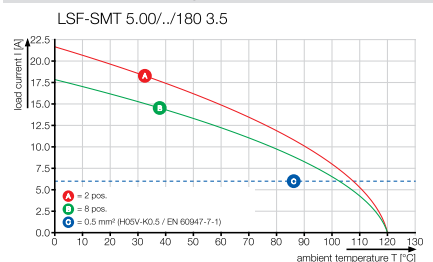
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.00 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.00	0.197	60	1870140000	1825960000
3	10.00	0.394	39	1870150000	1825970000
4	15.00	0.591	28	1870160000	1825980000
5	20.00	0.787	22	1870170000	1825990000
6	25.00	0.984	18	1870180000	1826000000
7	30.00	1.181	16	1870190000	1826010000
8	35.00	1.378	14	1870200000	1826020000

#### Representative derating curve



LSF-SMT 5.00/./180 Tape

Reflow-compatible PCB Terminal



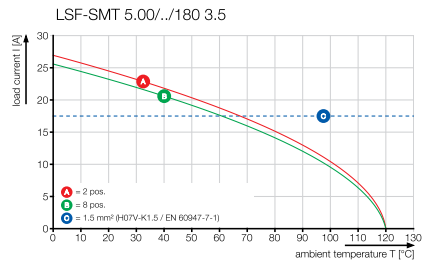
Dimensioned drawing

Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.00 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.00	0.197	175	1876020000	1876110000
3	10.00	0.394	175	1876030000	1876130000
4	15.00	0.591	175	1876050000	1876140000
5	20.00	0.787	175	1876060000	1876160000
6	25.00	0.984	175	1876070000	1876200000
7	30.00	1.181	175	1876080000	1876220000
8	35.00	1.378	175	1876090000	1876230000

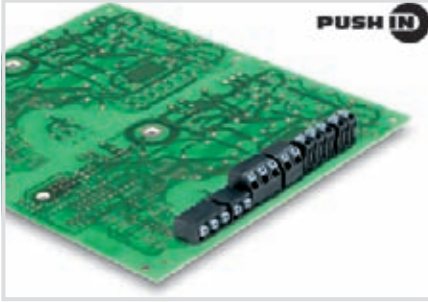
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 5.08/./90



PCB Terminal for fully automatic assembly, in 5.08 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

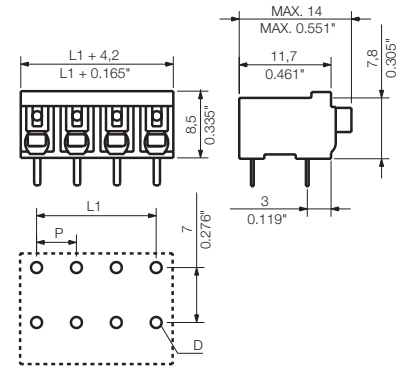
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.08/./90

#### Reflow-compatible PCB Terminal



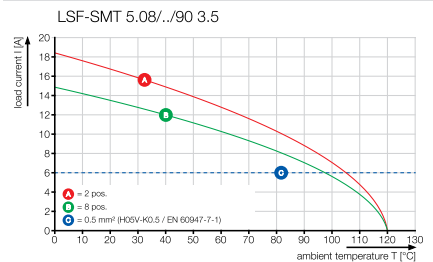
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.08 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	59	1869670000	1824810000
3	10.16	0.400	38	1869680000	1824820000
4	15.24	0.600	28	1869690000	1824830000
5	20.32	0.800	22	1869700000	1824840000
6	25.40	1.000	18	1869710000	1824850000
7	30.48	1.200	15	1869720000	1824860000
8	35.56	1.400	13	1869730000	1824870000

#### Representative derating curve





LSF-SMT 5.08/./90 Tape

Reflow-compatible PCB Terminal



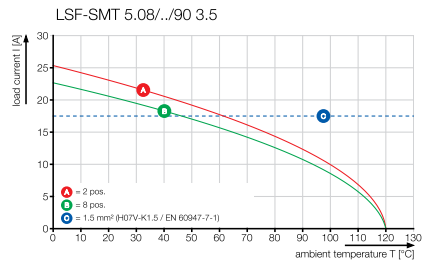
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch		5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	265	1876480000	1876470000
3	10.16	0.400	265	1876440000	1876420000
4	15.24	0.600	265	1878520000	1876310000
5	20.32	0.800	265	1876210000	1876190000
6	25.40	1.000	265	1876150000	1876120000
7	30.48	1.200	265	1875720000	1875690000
8	35.56	1.400	265	1875520000	1875510000

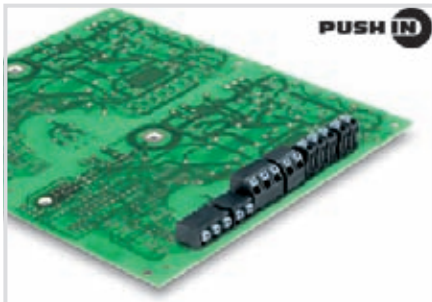
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 5.08/./135



PCB Terminal for fully automatic assembly, in 5.08 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	<b>D</b>
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

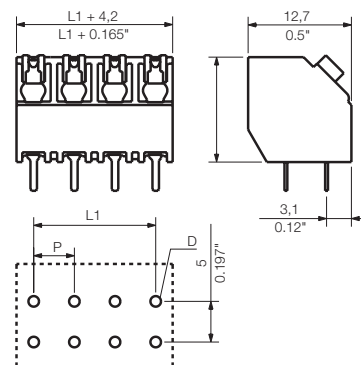
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.08/./135

#### Reflow-compatible PCB Terminal



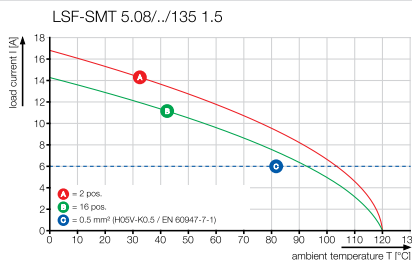
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.08 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	59	1884730000	1885020000
3	10.16	0.400	38	1884740000	1885030000
4	15.24	0.600	28	1884750000	1885040000
5	20.32	0.800	22	1884760000	1885050000
6	25.40	1.000	18	1884770000	1885060000
7	30.48	1.200	15	1884780000	1885070000
8	35.56	1.400	13	1884790000	1885080000
9	40.64	1.600	12	1884800000	1885090000
10	45.72	1.800	11	1884810000	1885100000
11	50.80	2.000	10	1884820000	1885110000
12	55.88	2.200	9	1884830000	1885120000
13	60.96	2.400	8	1884840000	1885130000
14	66.04	2.600	7	1884850000	1885140000
15	71.12	2.800	7	1884860000	1885150000
16	76.20	3.000	6	1884870000	1885160000

#### Representative derating curve



LSF-SMT 5.08/./135 Tape

Reflow-compatible PCB Terminal



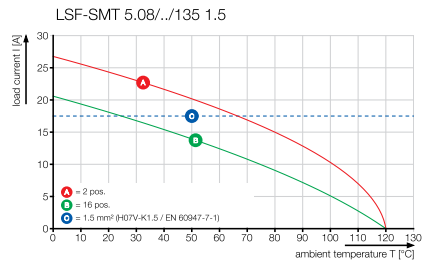
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm	3.5 mm		
Colour		black	black		
Pitch		5.08 mm			
Pol.	L1 (inch)	Qty.	Order No.	Order No.	
2	5.08	0.200	190	1888710000	1888780000
3	10.16	0.400	190	1888720000	1888790000
4	15.24	0.600	190	1888730000	1888810000
5	20.32	0.800	190	1888740000	1888830000
6	25.40	1.000	190	1888750000	1888840000
7	30.48	1.200	190	1888760000	1888870000
8	35.56	1.400	190	1888770000	1888880000

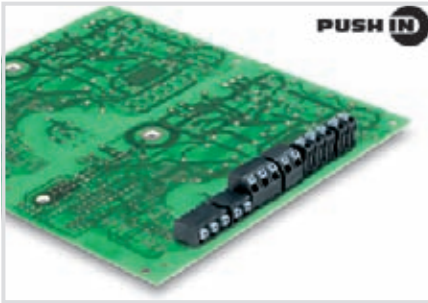
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 5.08/./180



PCB Terminal for fully automatic assembly, in 5.08 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250 320 500</b>
Rated impulse voltage	kV	4 4 4
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 500 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

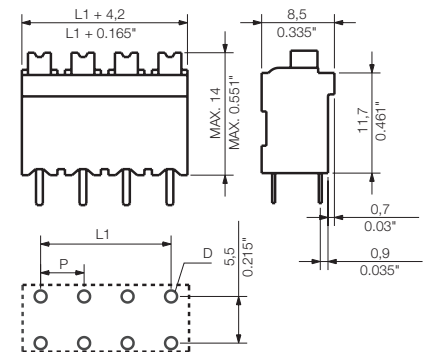
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 5.08/./180

#### Reflow-compatible PCB Terminal



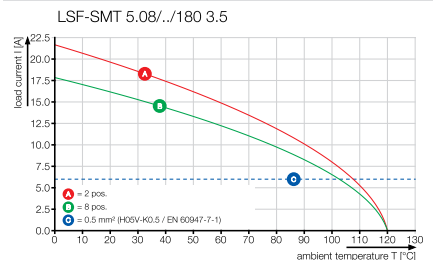
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 5.08 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	59	1870210000	1826040000
3	10.16	0.400	38	1870220000	1826060000
4	15.24	0.600	28	1870230000	1826070000
5	20.32	0.800	22	1870240000	1826080000
6	25.40	1.000	18	1870250000	1826100000
7	30.48	1.200	15	1870260000	1826110000
8	35.56	1.400	13	1870270000	1826120000

#### Representative derating curve



LSF-SMT 5.08/./180 Tape

Reflow-compatible PCB Terminal



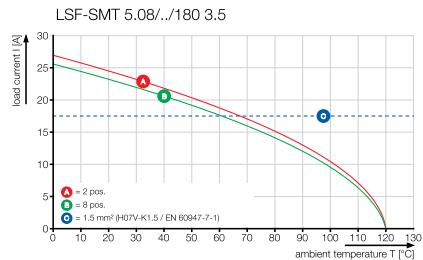
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch		5.08 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	5.08	0.200	175	1876500000	1876490000
3	10.16	0.400	175	1876460000	1876450000
4	15.24	0.600	175	1876410000	1876360000
5	20.32	0.800	175	1876290000	1876250000
6	25.40	1.000	175	1876180000	1876170000
7	30.48	1.200	175	1876100000	1875750000
8	35.56	1.400	175	1875610000	1875580000

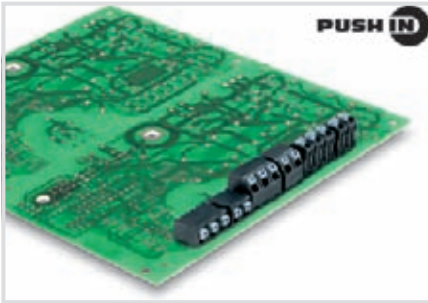
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 7.50/./90



PCB Terminal for fully automatic assembly, in 7.50 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 150 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 150 300
Rated current	A	10 10 10
AWG conductor	AWG	24-16

#### General data

Type of insulation material	LCP GF
Flammability class UL 94	V-0
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.35 x 0.8
Solder eyelet Ø = D	mm 1.1
Solder eyelet Ø tolerance	mm + 0.1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

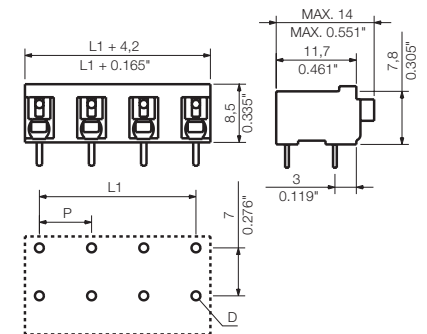
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.50/./90

#### Reflow-compatible PCB Terminal




#### Dimensioned drawing



### Accessories

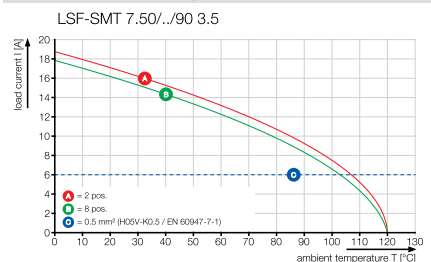
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver		Order No.
	SD 0,4x2,5x75	9009030000
	SDI 0,4x2,5x75	9008370000

### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 7.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.50	0.295	47	1869740000	1824880000
3	15.00	0.591	28	1869750000	1824890000
4	22.50	0.886	20	1869760000	1824900000
5	30.00	1.181	16	1869770000	1824910000
6	37.50	1.476	13	1869780000	1824920000
7	45.00	1.772	11	1869790000	1824930000
8	52.50	2.067	9	1869800000	1824940000

#### Representative derating curve



LSF-SMT 7.50/./90 Tape

Reflow-compatible PCB Terminal



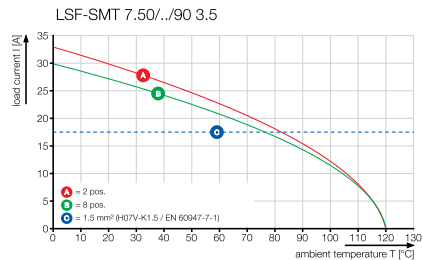
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch		7.50 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.50	0.295	265	1875480000	1875470000
3	15.00	0.591	265	1875440000	1875430000
4	22.50	0.886	265	1875040000	1875020000
5	30.00	1.181	265	1874980000	1874960000
6	37.50	1.476	265	1874910000	1874880000

Tape widths: 32, 44, 56, 72, 88

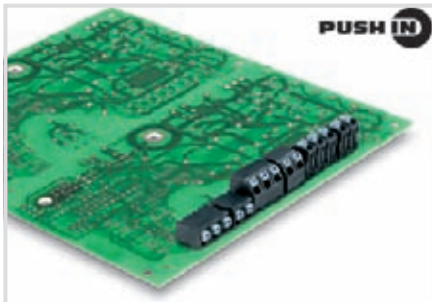
Additional derating curves





## PUSH IN spring connection

### LSF-SMT 7.50/./135



PCB Terminal for fully automatic assembly, in 7.50 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 300
Rated current	A	10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

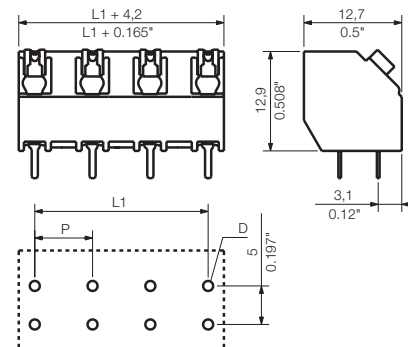
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.50/./135

#### Reflow-compatible PCB Terminal



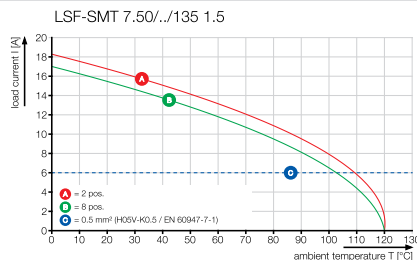
#### Dimensioned drawing



### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 7.50 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.50	0.295	47	1884880000	1886110000
3	15.00	0.591	28	1884890000	1886120000
4	22.50	0.886	20	1884900000	1886130000
5	30.00	1.181	16	1884910000	1886140000
6	37.50	1.476	13	1884920000	1886150000
7	45.00	1.772	11	1884930000	1886160000
8	52.50	2.067	9	1884940000	1886170000

#### Representative derating curve



LSF-SMT 7.50/./135 Tape

Reflow-compatible PCB Terminal



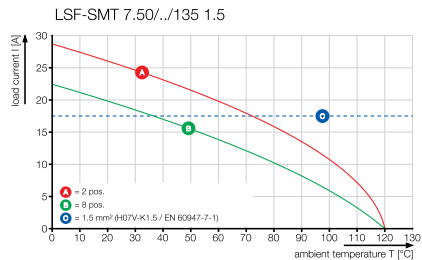
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm	3.5 mm	
Colour		black	black	
Pitch		7.50 mm		
Pol.	L1 (inch)	Qty.	Order No.	Order No.
2	7.50 0.295	190	1888890000	1888970000
3	15.00 0.591	190	1888910000	1888990000
4	22.50 0.886	190	1888930000	1889000000
5	30.00 1.181	190	1888940000	1889020000
6	37.50 1.476	190	1888950000	1889030000

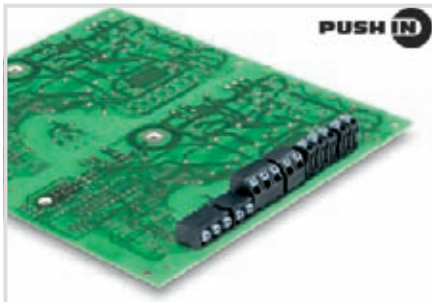
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 7.50/./180



PCB Terminal for fully automatic assembly, in 7.50 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 150 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 150 300
Rated current	A	10 10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

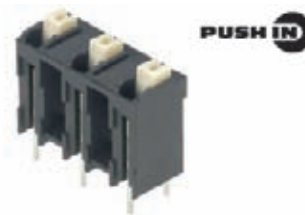
For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

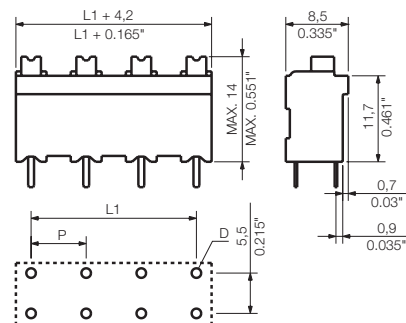
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.50/./180

#### Reflow-compatible PCB Terminal



#### Dimensioned drawing



### Accessories

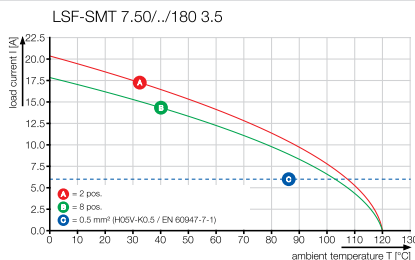
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### Ordering data

Solder pin length				1.5 mm		3.5 mm	
Colour				black		black	
Pitch 7.50 mm							
Pol.	L1	(inch)	Qty.	Order No.	Order No.		
2	7.50	0.295	47	1870280000	1826130000		
3	15.00	0.591	28	1870290000	1826140000		
4	22.50	0.886	20	1870300000	1826150000		
5	30.00	1.181	16	1870310000	1826160000		
6	37.50	1.476	13	1870320000	1826170000		
7	45.00	1.772	11	1870330000	1826180000		
8	52.50	2.067	9	1870340000	1826190000		

#### Representative derating curve



LSF-SMT 7.50/./180 Tape

Reflow-compatible PCB Terminal



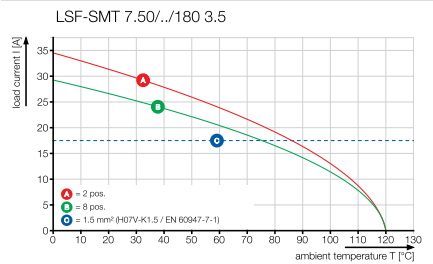
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch		7.50 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.50	0.295	175	1875500000	1875490000
3	15.00	0.591	175	1875460000	1875450000
4	22.50	0.886	175	1875090000	1875060000
5	30.00	1.181	175	1875010000	1875000000
6	37.50	1.476	175	1874950000	1874920000

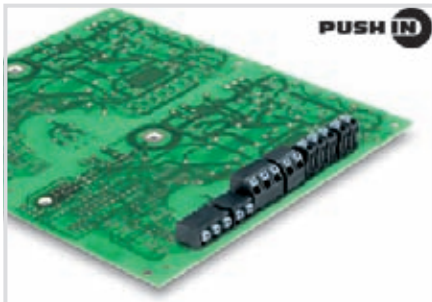
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 7.62/./90



PCB Terminal for fully automatic assembly, in 7.62 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 90°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6
<b>UL / CUL (Use Group)</b>	<b>B C D</b>	
<b>Rated voltage</b>	<b>V</b>	<b>300 150 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 150 300
Rated current	A	10 10 10
AWG conductor	AWG	24-16
<b>General data</b>		
Type of insulation material		LCP GF
Flammability class UL 94		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	0.35 x 0.8
Solder eyelet Ø = D	mm	1.1
Solder eyelet Ø tolerance	mm	+ 0,1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

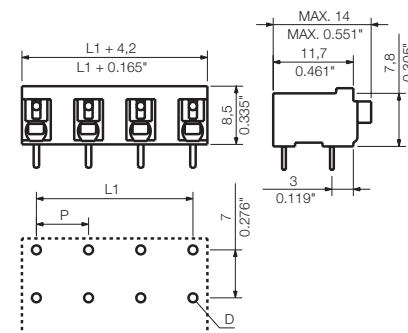
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.62/./90

#### Reflow-compatible PCB Terminal



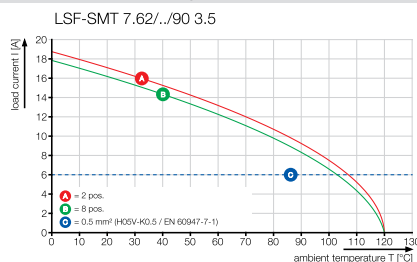
#### Dimensioned drawing



### Ordering data

Solder pin length		1.5 mm	3.5 mm
Colour		black	black
Pitch 7.62 mm			
Pol.	L1	(inch)	Qty.
2	7.62	0.300	46
3	15.24	0.600	28
4	22.86	0.900	20
5	30.48	1.200	15
6	38.10	1.500	13
7	45.72	1.800	11
8	53.34	2.100	9

#### Representative derating curve



LSF-SMT 7.62/./90 Tape

Reflow-compatible PCB Terminal



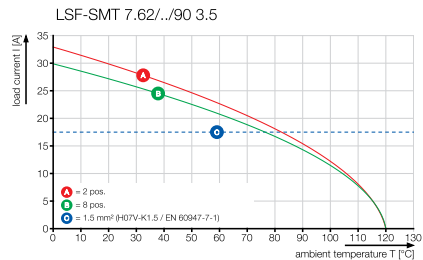
Dimensioned drawing

Ordering data

Solder pin length			1.5 mm		3.5 mm	
Colour			black		black	
Pitch			7.62 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.	
2	7.62	0.300	265	1874700000	1874670000	
3	15.24	0.600	265	1874570000	1874550000	
4	22.86	0.900	265	1874480000	1874470000	
5	30.48	1.200	265	1874430000	1874410000	
6	38.10	1.500	265	1874330000	1874290000	

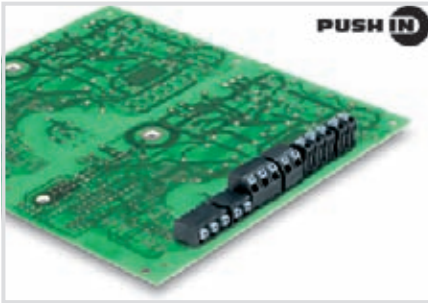
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 7.62/./135



PCB Terminal for fully automatic assembly, in 7.62 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 135°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6

#### UL / CUL (Use Group)

	<b>B</b>	<b>C</b>	<b>D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>12</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>	
<b>CSA (Use Group)</b>	<b>B</b>	<b>C</b>	<b>D</b>
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor	AWG	24-16	

#### General data

Type of insulation material	LCP GF
Flammability class UL 94	V-0
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.35 x 0.8
Solder eyelet Ø = D	mm 1.1
Solder eyelet Ø tolerance	mm + 0,1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

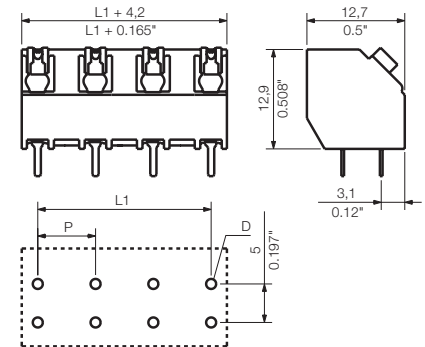
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.62/./135

#### Reflow-compatible PCB Terminal



#### Dimensioned drawing



### Accessories

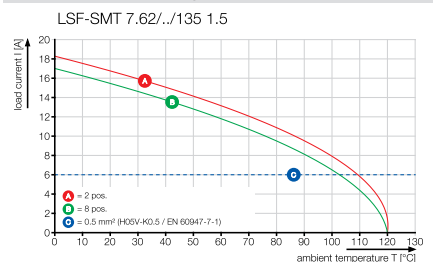
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 7.62 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.62	0.300	46	1884950000	1886180000
3	15.24	0.600	28	1884960000	1886190000
4	22.86	0.900	20	1884970000	1886200000
5	30.48	1.200	15	1884980000	1886210000
6	38.10	1.500	13	1884990000	1886220000
7	45.72	1.800	11	1885000000	1886230000
8	53.34	2.100	9	1885010000	1886240000

#### Representative derating curve





LSF-SMT 7.62/./135 Tape

Reflow-compatible PCB Terminal



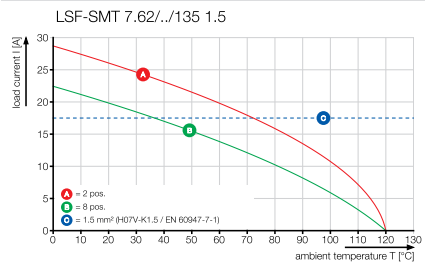
Dimensioned drawing

Ordering data

Solder pin length			1.5 mm	3.5 mm
Colour			black	black
Pitch 7.62 mm				
Pol.	L1 (inch)	Qty.	Order No.	Order No.
2	7.62	0.300	190	1887110000 1887160000
3	15.24	0.600	190	1887120000 1887170000
4	22.86	0.900	190	1887130000 1887180000
5	30.48	1.200	190	1887140000 1887190000
6	38.10	1.500	190	1887150000 1887200000

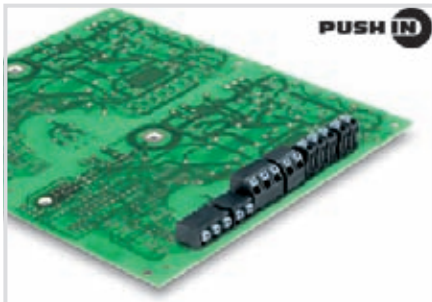
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## PUSH IN spring connection

### LSF-SMT 7.62/./180



PCB Terminal for fully automatic assembly, in 7.62 mm pitch, for THR reflow soldering (SMT) and wave soldering.

- PUSH IN wire connection, for wire cross-sections up to 1.5 mm<sup>2</sup>.
- Form and dimensional stability provided by the LCP insulating material.
- Conductor inserted and slider operated in same direction (TOP).
- Packaged in tube (TU) or on anti-static roll (tape-on-reel), RL.
- Pin lengths optimised to 1.5 mm or 3.5 mm.
- Wire outlet direction: 180°

### Technical data

#### In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm <sup>2</sup>	0.13...1.5
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...1.5</b>
Stranded H07 V-R		
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5
Ferrule with plastic collar	mm <sup>2</sup>	0.25...0.75
Stripping length	mm	8
Screwdriver blade	mm	
According to norm		
Tightening torque range	Nm	
<b>Rated current, max.</b>	<b>A</b>	<b>17.5 17.5</b>
At ambient temperature	20°C	40°C
For conductor cross-section	mm <sup>2</sup>	1.5
Overvoltage category	III	III II
Pollution severity	3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>500 630 800</b>
Rated impulse voltage	kV	6 6 6

#### UL / CUL (Use Group)

<b>Rated voltage</b>	<b>V</b>	<b>300 150 300</b>
<b>Rated current</b>	<b>A</b>	<b>12 10 10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-16</b>
<b>CSA (Use Group)</b>	<b>B C D</b>	
Rated voltage	V	300 150 300
Rated current	A	10 10 10
AWG conductor	AWG	24-16

#### General data

Type of insulation material	LCP GF
Flammability class UL 94	V-0
Contact base material	Copper alloy
Material of contact surface	tinned
Pin dimensions = d	mm 0.35 x 0.8
Solder eyelet Ø = D	mm 1.1
Solder eyelet Ø tolerance	mm + 0,1

### Product data

IEC: 800 V / 17.5 A / 0.2 - 1.5 mm<sup>2</sup>  
UL: 300 V / 12 A / AWG 24 - 16

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

#### Note:

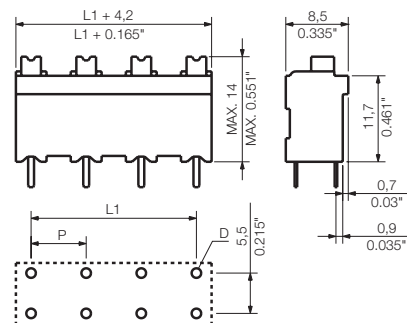
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- P on drg. = pitch
- Operating force of slider max. 40 N
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Crimping shape „A“ for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes.

### LSF-SMT 7.62/./180

#### Reflow-compatible PCB Terminal



#### Dimensioned drawing



### Accessories

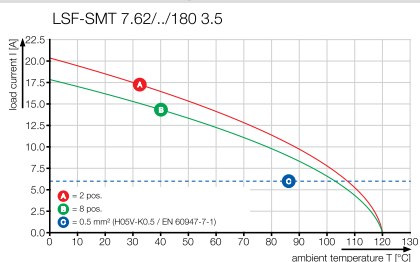
**Note:** Refer to the Accessories chapter for additional accessories.

Screwdriver	Order No.
SD 0,4x2,5x75	9009030000
SDI 0,4x2,5x75	9008370000

### Ordering data

Solder pin length				1.5 mm	3.5 mm
Colour				black	black
Pitch 7.62 mm					
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.62	0.300	46	1869810000	1826210000
3	15.24	0.600	28	1869830000	1826220000
4	22.86	0.900	20	1869840000	1826230000
5	30.48	1.200	15	1869850000	1826240000
6	38.10	1.500	13	1869860000	1826250000
7	45.72	1.800	11	1869870000	1826260000
8	53.34	2.100	9	1869880000	1826270000

#### Representative derating curve



LSF-SMT 7.62/./180 Tape

Reflow-compatible PCB Terminal



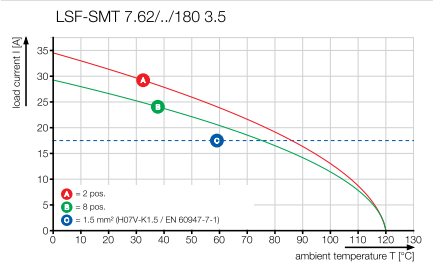
Dimensioned drawing

Ordering data

Solder pin length		1.5 mm		3.5 mm	
Colour		black		black	
Pitch		7.62 mm			
Pol.	L1	(inch)	Qty.	Order No.	Order No.
2	7.62	0.300	175	1874870000	1874750000
3	15.24	0.600	175	1874650000	1874630000
4	22.86	0.900	175	1874530000	1874500000
5	30.48	1.200	175	1874450000	1874460000
6	38.10	1.500	175	1874390000	1874360000

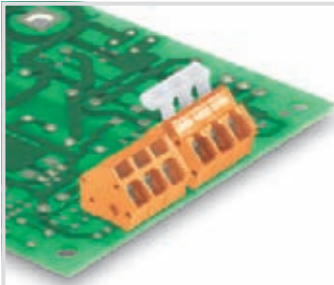
Tape widths: 32, 44, 56, 72, 88

Additional derating curves



## Tension clamp connection

### LMZF & LMZFL 5/.. /135



The compact installation terminal with tension-clamp wire connection, in 5.00-mm pitch for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Variable pitch 5.00 - 5.08 mm (1 component = 2 pitches).
- Wire outlet direction 135°
- Optional lever for simple opening of terminal point.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.13...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.13...2.5	
Flexible with ferrule	mm²	0.25...1.5	
Ferrule with plastic collar	mm²	0.25...1.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.4 x 2.5	
According to norm		DIN 5264-A	
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>24</b>	<b>24</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	2.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320 630</b>
Rated impulse voltage	kV	4	4 4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>15</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C D</b>
Rated voltage	V	300	300
Rated current	A	20	10
AWG conductor	AWG	26-14	
<b>General data</b>			
Type of insulation material		Wemid (PA)	
Flammability class UL 94		V-0	
Contact base material		E-Cu	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.8 x 0.8	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 630 V / 24 A / 0.13 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

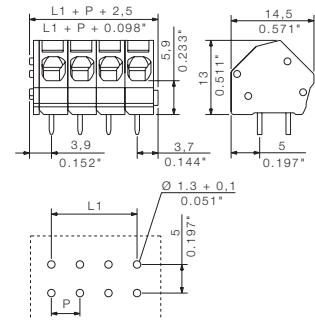
#### Note:

- 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.

### LMZF 5/.. /135



### Dimensioned drawing



### Accessories

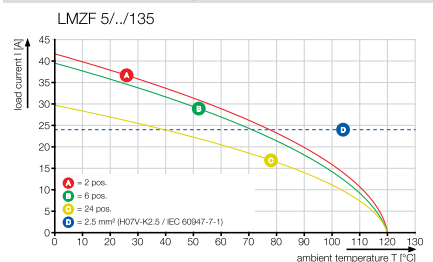
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length		3.5 mm		
Colour		orange		
Pitch	5.00 mm			
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	100	1913780000
3	10.00	0.394	100	1913820000
4	15.00	0.591	100	1913960000
5	20.00	0.787	100	1914000000
6	25.00	0.984	100	1914020000
7	30.00	1.181	100	1914030000
8	35.00	1.378	100	1914040000
9	40.00	1.575	100	1914050000
10	45.00	1.772	100	1914070000
11	50.00	1.969	100	1914080000
12	55.00	2.165	100	1914090000
13	60.00	2.362	100	1960140000
14	65.00	2.559	100	1960150000
15	70.00	2.756	100	1960160000
16	75.00	2.953	100	1960170000
17	80.00	3.150	50	1960180000
18	85.00	3.346	50	1960190000
19	90.00	3.543	50	1960200000
20	95.00	3.740	50	1960210000
21	100.00	3.937	50	1960220000
22	105.00	4.134	50	1960230000
23	110.00	4.331	50	1960240000
24	115.00	4.528	50	1960250000

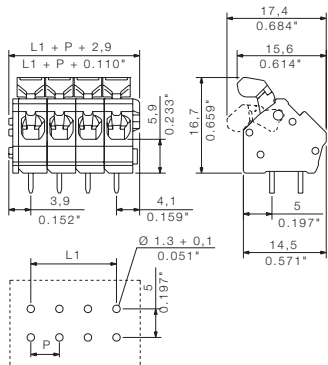
### Representative derating curve



LMZFL 5/./135



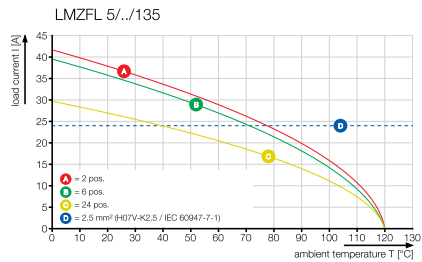
Dimensioned drawing



Ordering data

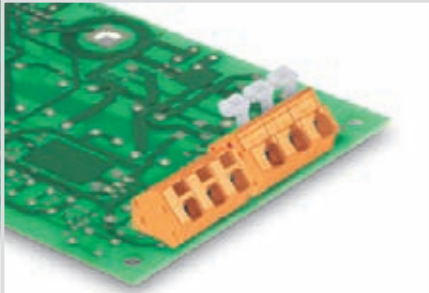
Solder pin length		3.5 mm		
Colour		orange		
Pitch		5.00 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	5.00	0.197	100	1914560000
3	10.00	0.394	100	1914580000
4	15.00	0.591	100	1914590000
5	20.00	0.787	100	1914600000
6	25.00	0.984	100	1914640000
7	30.00	1.181	100	1914720000
8	35.00	1.378	100	1914790000
9	40.00	1.575	100	1914830000
10	45.00	1.772	100	1914860000
11	50.00	1.969	100	1914990000
12	55.00	2.165	100	1915030000
13	60.00	2.362	50	1958320000
14	65.00	2.559	50	1958330000
15	70.00	2.756	50	1958350000
16	75.00	2.953	50	1958370000
17	80.00	3.150	50	1958390000
18	85.00	3.346	50	1958410000
19	90.00	3.543	50	1958440000
20	95.00	3.740	50	1958450000
21	100.00	3.937	50	1958470000
22	105.00	4.134	50	1958490000
23	110.00	4.331	50	1958500000
24	115.00	4.528	50	1958510000

Additional derating curves



## Tension clamp connection

### LMZF & LMZFL 7../135



The compact installation terminal with tension-clamp wire connection, in 5.00-mm pitch for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Variable pitch 7.50 - 7.62 mm (1 component = 2 pitches).
- Wire outlet direction 135°
- Optional lever for simple opening of terminal point.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.13...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.13...2.5	
Flexible with ferrule	mm²	0.25...1.5	
Ferrule with plastic collar	mm²	0.25...1.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264-A	
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>24</b>	<b>24</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	2.5	
Overvoltage category		III	II
Pollution severity		3	2
<b>Rated voltage</b>	<b>V</b>	<b>400</b>	<b>1000</b>
Rated impulse voltage	kV	6	6
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>150</b>
<b>Rated current</b>	<b>A</b>	<b>15</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b>
Rated voltage	V	300	150
Rated current	A	15	10
AWG conductor	AWG	26-14	
<b>General data</b>			
Type of insulation material		Wemid (PA)	
Flammability class UL 94		V-0	
Contact base material		E-Cu	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.8 x 0.8	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 1000 V / 24 A / 0.13 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

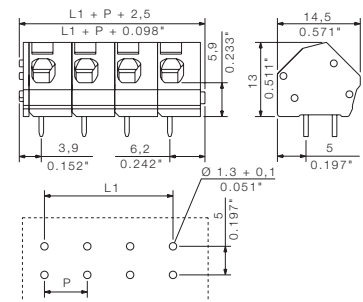
#### Note:

- 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.

### LMZF 7../135



### Dimensioned drawing



### Accessories

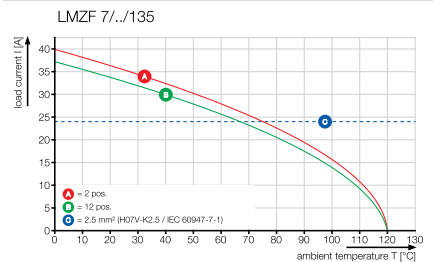
**Note:** Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length				3.5 mm
Colour				orange
Pitch		7.50 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	7.50	0.295	100	1952570000
3	15.00	0.591	100	1952580000
4	22.50	0.886	100	1952590000
5	30.00	1.181	100	1952600000
6	37.50	1.476	100	1952610000
7	45.00	1.772	100	1952620000
8	52.50	2.067	100	1952630000
9	60.00	2.362	100	1952640000
10	67.50	2.657	100	1952650000
11	75.00	2.953	100	1952660000
12	82.50	3.248	100	1952670000

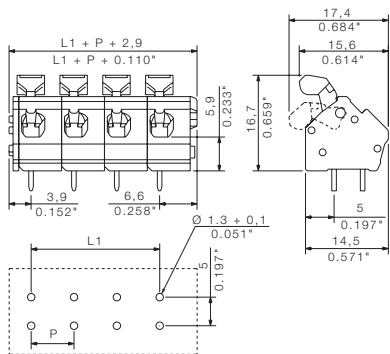
### Representative derating curve



LMZFL 7../135



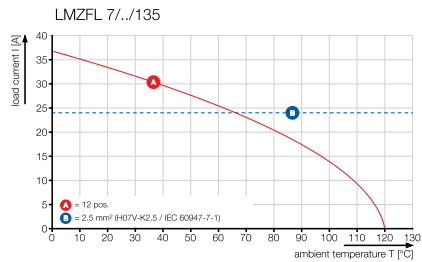
Dimensioned drawing



Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch		7.50 mm	
Pol.	L1	(inch)	Qty. Order No.
2	7.50	0.295	100 1953010000
3	15.00	0.591	100 1953020000
4	22.50	0.886	100 1953030000
5	30.00	1.181	100 1953040000
6	37.50	1.476	100 1953050000
7	45.00	1.772	100 1953060000
8	52.50	2.067	100 1953070000
9	60.00	2.362	100 1953080000
10	67.50	2.657	100 1953090000
11	75.00	2.953	100 1953100000
12	82.50	3.248	100 1953110000

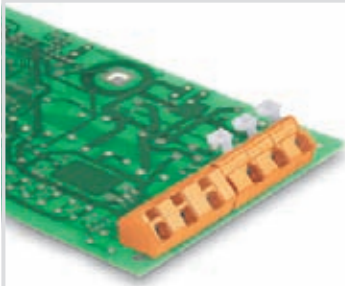
Additional derating curves





## Tension clamp connection

### LMZF & LMZFL 10../135



The compact installation terminal with tension-clamp wire connection, in 5.00-mm pitch for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Variable pitch 10.00 - 10.16 mm (1 component = 2 pitches).
- Wire outlet direction 135°
- Optional lever for simple opening of terminal point.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.13...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm²</b>	<b>0.13...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm²	0.13...2.5	
Flexible with ferrule	mm²	0.25...1.5	
Ferrule with plastic collar	mm²	0.25...1.5	
Stripping length	mm	6	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264-A	
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>24</b>	<b>24</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm²	2.5	
Overvoltage category		III	III
Pollution severity		3	2
<b>Rated voltage</b>	<b>V</b>	<b>500</b>	<b>1000</b>
Rated impulse voltage	kV	8	8
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>150</b>
<b>Rated current</b>	<b>A</b>	<b>15</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>26-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C</b>
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor	AWG	26-14	
<b>General data</b>			
Type of insulation material		Wemid (PA)	
Flammability class UL 94		V-0	
Contact base material		E-Cu	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.8 x 0.8	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 1000 V / 24 A / 0.13 - 2.5 mm<sup>2</sup>  
UL: 300 V / 15 A / AWG 26 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

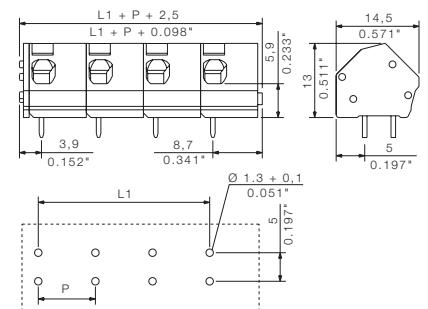
#### Note:

- 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.

### LMZF 10../135



#### Dimensioned drawing



### Accessories

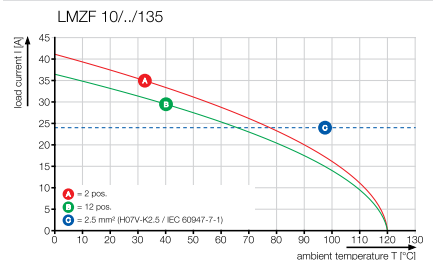
Note: Refer to the Accessories chapter for additional accessories.

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

### Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch	10.00 mm		
Pol.	L1	(inch)	Qty. Order No.
2	10.00	0.394	100 1953470000
3	20.00	0.787	100 1953480000
4	30.00	1.181	100 1953490000
5	40.00	1.575	100 1953500000
6	50.00	1.969	100 1953510000
7	60.00	2.362	100 1953520000
8	70.00	2.756	100 1953530000
9	80.00	3.150	100 1953540000
10	90.00	3.543	100 1953550000
11	100.00	3.937	100 1953560000
12	110.00	4.331	100 1953570000

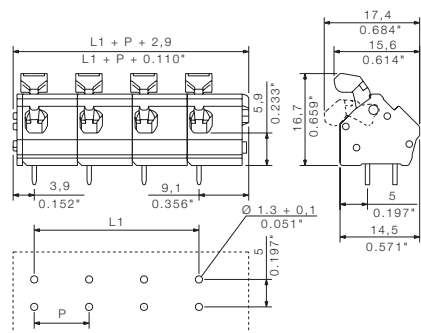
#### Representative derating curve



LMZFL 10../135



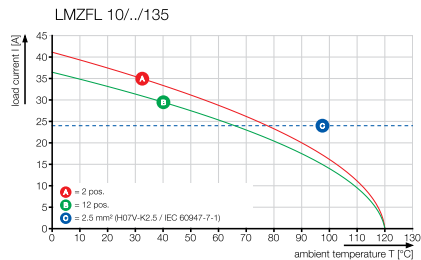
Dimensioned drawing



Ordering data

Solder pin length		3.5 mm		
Colour		orange		
Pitch		10.00 mm		
Pol.	L1	(inch)	Qty.	Order No.
2	10.00	0.394	100	1953930000
3	20.00	0.787	100	1953940000
4	30.00	1.181	100	1953950000
5	40.00	1.575	100	1953960000
6	50.00	1.969	100	1953970000
7	60.00	2.362	100	1953980000
8	70.00	2.756	100	1953990000
9	80.00	3.150	100	1954000000
10	90.00	3.543	100	1954010000
11	100.00	3.937	100	1954020000
12	110.00	4.331	100	1954030000

Additional derating curves



## Tension clamp connection

### LMZF 5.08, multi level



The high-performance device interface with a high connection density. Multi-level PCB Terminal with tension clamp wire connection in 5.08-mm pitch, suitable for wire cross-sections up to 2.5 mm<sup>2</sup>.

- Wire outlet direction 135°
- Layout is compatible with multi-level screw terminals.

### Technical data

In compliance with IEC 60664-1 / IEC 61984			
Clamping range, max.	mm <sup>2</sup>	0.13...2.5	
<b>Solid core H05(07) V-U</b>	<b>mm<sup>2</sup></b>	<b>0.2...2.5</b>	
Stranded H07 V-R			
Flexible H05(07) V-K	mm <sup>2</sup>	0.2...1.5	
Flexible with ferrule	mm <sup>2</sup>	0.25...1.5	
Ferrule with plastic collar	mm <sup>2</sup>	0.25...1.5	
Stripping length	mm	7.5	
Screwdriver blade	mm	0.6 x 3.5	
According to norm		DIN 5264-A	
Tightening torque range	Nm		
<b>Rated current, max.</b>	<b>A</b>	<b>15</b>	<b>13</b>
At ambient temperature		20°C	40°C
For conductor cross-section	mm <sup>2</sup>	2.5	
Overvoltage category		III	III II
Pollution severity		3	2 2
<b>Rated voltage</b>	<b>V</b>	<b>250</b>	<b>320 630</b>
Rated impulse voltage	kV	4	4 4
<b>UL / CUL (Use Group)</b>		<b>B</b>	<b>C D</b>
<b>Rated voltage</b>	<b>V</b>	<b>300</b>	<b>300</b>
<b>Rated current</b>	<b>A</b>	<b>10</b>	<b>10</b>
<b>AWG conductor</b>	<b>AWG</b>	<b>24-14</b>	
<b>CSA (Use Group)</b>		<b>B</b>	<b>C D</b>
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor	AWG	24-14	
<b>General data</b>			
Type of insulation material		PA	
Flammability class UL 94		V-2	
Contact base material		Copper alloy	
Material of contact surface		tinned	
Pin dimensions = d	mm	0.8 x 1.0	
Solder eyelet Ø = D	mm	1.3	
Solder eyelet Ø tolerance	mm	+ 0,1	

### Product data

IEC: 630 V / 15 A / 0.2 - 2.5 mm<sup>2</sup>  
UL: 300 V / 10 A / AWG 24 - 14

For additional articles and information, refer to [catalog.weidmueller.com](http://catalog.weidmueller.com)

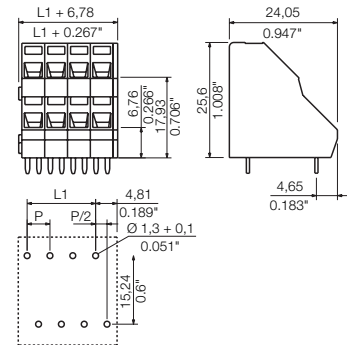
#### Note:

- 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.

### LM2NZF 5.08/./135



### Dimensioned drawing



### Accessories

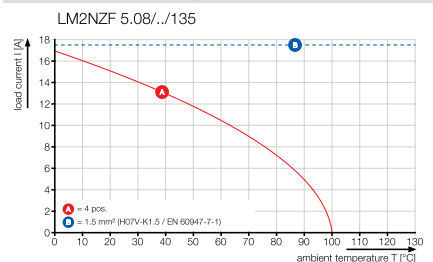
**Note:** Refer to the Accessories chapter for additional accessories.

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

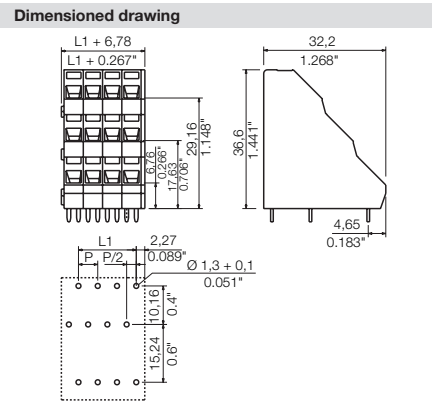
### Ordering data

Solder pin length				3.5 mm
Colour				orange
Pitch		5.08 mm		
Pol.	L1	(inch)	Qty.	Order No.
4	5.08	0.200	50	1764810000
6	10.16	0.400	50	1764820000
8	15.24	0.600	50	1764830000
10	20.32	0.800	50	1764840000
12	25.40	1.000	50	1764850000
14	30.48	1.200	20	1764860000
16	35.56	1.400	20	1764870000
18	40.64	1.600	20	1764880000
20	45.72	1.800	20	1758020000
22	50.80	2.000	20	1764890000
24	55.88	2.200	10	1764900000
26	60.96	2.400	10	1782500000
28	66.04	2.600	10	1782510000
30	71.12	2.800	10	1782520000
32	76.20	3.000	10	1782530000
34	81.28	3.200	10	1782540000
36	86.36	3.400	10	1782550000

### Representative derating curve



LM3RZF 5.08/./135



Ordering data

Solder pin length		3.5 mm	
Colour		orange	
Pitch		5.08 mm	
Pol.	L1	(inch)	Qty. Order No.
6	5.08	0.200	50 1764910000
9	10.16	0.400	50 1764920000
12	15.24	0.600	50 1764930000
15	20.32	0.800	20 1764940000
18	25.40	1.000	20 1764950000
21	30.48	1.200	20 1758040000
24	35.56	1.400	10 1764960000
27	40.64	1.600	10 1764970000
30	45.72	1.800	10 1758030000
33	50.80	2.000	10 1764980000
36	55.88	2.200	10 1764990000
48	76.20	3.000	10 1758050000

