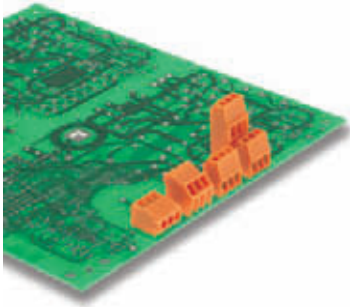


Clamping yoke connection for cross-sections up to 1.5 mm²

LM 3.5



Small, compact PCB terminal with proven clamping yoke connection and 3.5 mm pitch. Conductor outlet direction 90° and 135°. Suitable for conductor cross-sections up to 1.5 mm².

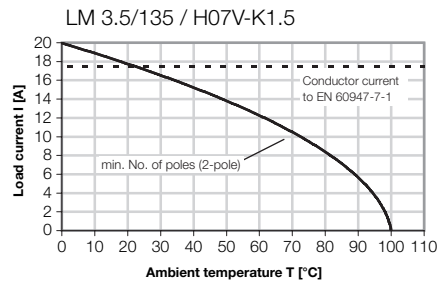
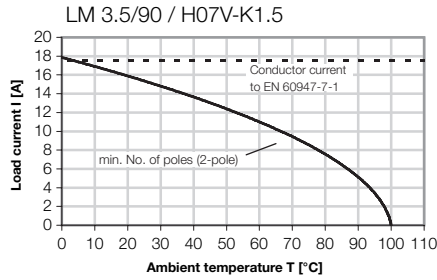
- 0.20 - 1.5 mm² (IEC) / 28 - 14 AWG (UL)
- 320 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

Technical data

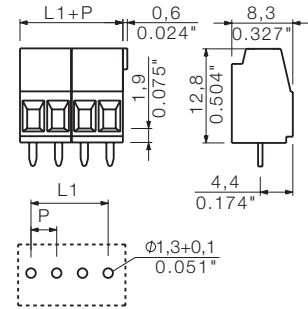
Rated data to IEC 60664-1 / IEC 61984			
Clamping range, max.	mm²	0.08...2.08	
Solid H05(07) V-U	mm²	0.5...1.5	
Stranded H07 V-R	mm²		
Flexible H05(07) V-K	mm²	0.5...1.5	
Flexible with ferrule	mm²		
Ferrule with plastic collar	mm²	0.5...0.75	
Stripping length	mm	5	
Screwdriver blade	mm	0.4 x 2.5	
according to norm		DIN 5264	
Tightening torque range	Nm	0.2...0.25	
Rated current at ambient temperature			
	A	20°C	40°C
		16	14
Overvoltage category			
		III	III
Pollution severity			
		3	2
		2	2
Rated voltage	V	160	160
Rated impulse voltage	kV	2.5	2.5
		2.5	2.5
UL 1059 rated data - E60693			
		B	C
		D	
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor		28-14	
CSA C22.2 rated data - LR12400 B			
		B	C
		D	
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor		28-14	
Material data			
Type of insulating material		PA	
Flammability class acc. UL94		V-0	
Contact base material		Cu alloy	
Material of contact surface		tinned	
Information			

- 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 pt 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.

Derating curve



LM 3.5/90



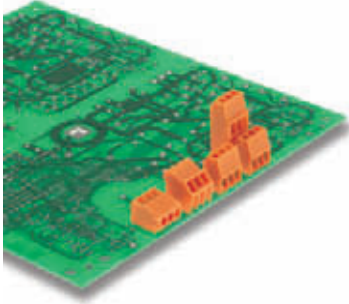
Ordering data

Solder pin length	3.2 mm
Colour	orange

Pitch 3.50 mm					
Poles	L1 mm	(inch)	Qty.	Order No.	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

Clamping yoke connection for cross-sections up to 1.5 mm²

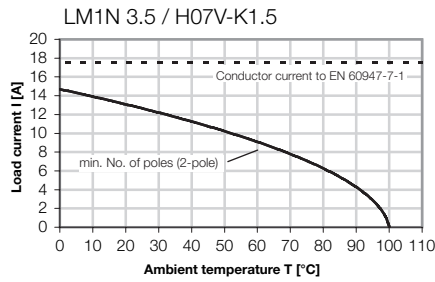
LM 3.5



Small, compact double level PCB terminal with proven clamping yoke connection and 3.5 mm pitch. Conductor outlet direction 90°. Suitable for conductor cross-sections up to 1.5 mm².

- 0.20 - 1.5 mm² (IEC) / 28 - 14 AWG (UL)
- 320 V (IEC) / 300 V (UL)
- 13A (IEC) / 10A (UL)

Derating curve



Technical data

Rated data to IEC 60664-1 / IEC 61984

Clamping range, max.	mm ²	0.08...2.08
Solid H05(07) V-U	mm ²	0.5...1.5
Stranded H07 V-R	mm ²	
Flexible H05(07) V-K	mm ²	0.5...1.5
Flexible with ferrule	mm ²	
Ferrule with plastic collar	mm ²	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

Rated current

at ambient temperature		20°C	40°C
LM1N 3.5	A	13	11
LM2N 3.5	A	13	11

Overvoltage category

Pollution severity		III	III	II
Rated voltage	V	160	160	320
Rated impulse voltage	kV	2.5	2.5	2.5

UL 1059 rated data - E60693

		B	C	D
Rated voltage	V	300	300	300
Rated current	A	10	10	10
AWG conductor		28-14		

CSA C22.2 rated data - LR12400 B

		B	C	D
Rated voltage	V	300	300	300
Rated current	A	10	10	10
AWG conductor		28-14		

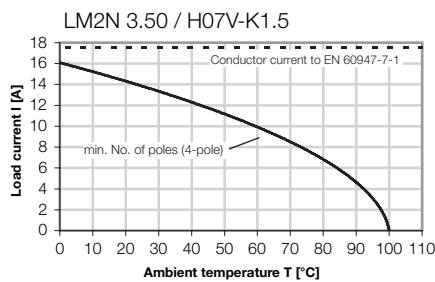
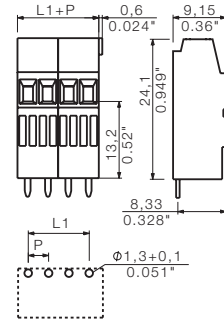
Material data

Type of insulating material	PA
Flammability class acc. UL94	V-0
Contact base material	Cu alloy
Material of contact surface	tinned

Information

- 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 pt 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



Ordering data

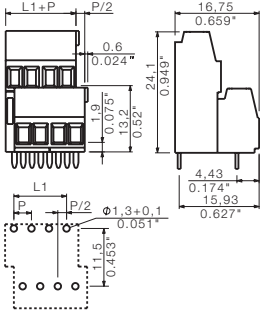
Solder pin length	3.2 mm
Colour	orange

Pitch 3.50 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	3.50	(0.138)	100		1716710000
3	7.00	(0.276)	100		1716720000

LM2N 3.5

Multi level

**Ordering data**

Solder pin length	3.2 mm
Colour	orange

Pitch 3.50 mm

Poles	L1 mm	(inch)	Qty.	Order No.	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

Accessories**Possible colors**

Additional colours on request

**Marking strips**

See chapter accessories

**Screwdriver**See chapter accessories
Order No. 9008370000