

Clamping yoke connection for cross-sections up to 1.5 mm²

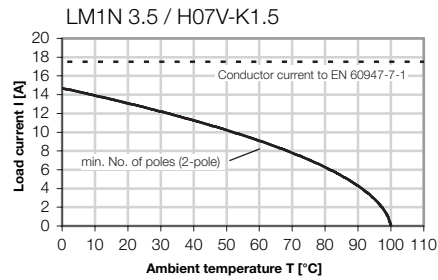
LM 3.5



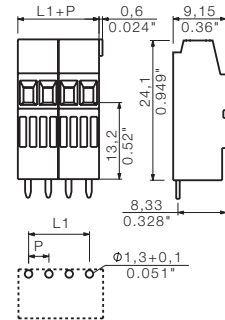
Small, compact double level PCB terminal with proven clamping yoke connection and 3.5 mm pitch. Conductor outlet direction 90°. Suitable for conductor cross-sections up to 1.5 mm².

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

Derating curve



LM1N 3.5



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

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

CSA C22.2 rated data

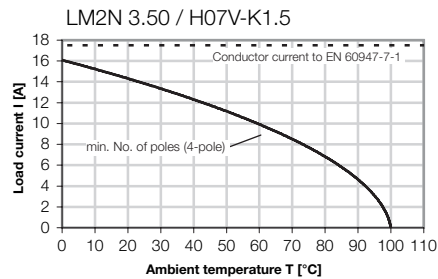
		B	C	D
Rated voltage	V	300	300	300
Rated current	A	10	10	10
AWG conductor		28-14		

Material data

Type of insulating material	PA
Flammability class acc. UL94	V-2
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.



Ordering data

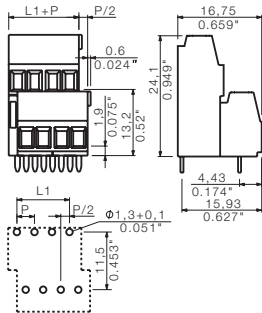
Solder pin length	3.2 mm
Colour of plastic	orange

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



Accessories

Possible colors

Additional colours on request



Marking strips

See chapter accessories



Screwdriver

See chapter accessories
Order No. 9008370000



Ordering data

Solder pin length	3.2 mm
Colour of plastic	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	