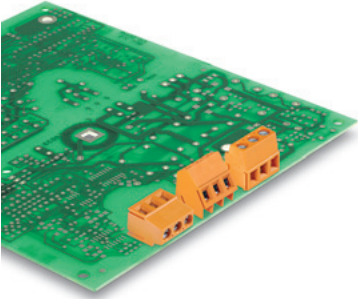


Clamping yoke connection for cross-sections up to 2.5 mm²

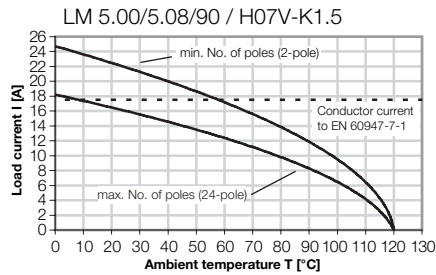
LM 5.08
LM 5.00



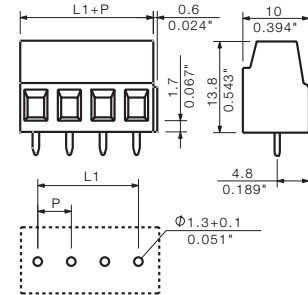
PCB terminal with proven clamping yoke connection in 5.00 and 5.08 mm pitch. Conductor outlet direction 90°, 135° and 180°. Suitable for conductor cross-sections up to 2.5 mm².

- 0.20 - 2.5 mm² (IEC) / 24 - 14 AWG (UL)
- 630 V (IEC) / 300 V (UL)
- 17.5 A (IEC) / 15 A (UL)

Derating curve



LM 5.08/90
LM 5.00/90



Technical data

Rated data to IEC 60664-1 / IEC 61984

Clamping range, max.	mm ²	0.2...2.5
Solid H05(07) V-U	mm ²	0.2...2.5
Stranded H07 V-R	mm ²	
Flexible H05(07) V-K	mm ²	0.2...1.5
Flexible with ferrule	mm ²	0.25...1.5
Ferrule with plastic collar	mm ²	0.25...1.5
Stripping length	mm	6
Screwdriver blade	mm	0.6 x 3.5
according to norm		DIN 5264
Tightening torque range	Nm	0.4...0.5

Rated current at ambient temperature

	20°C	40°C
A	17.5	17.5

Overvoltage category

	III	III	II
Pollution severity	3	2	2

Rated voltage	V	250	320	630
Rated impulse voltage	kV	4	4	4

UL 1059 rated data - E60693

	B	C	D
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor		24-14	

CSA C22.2 rated data - LR12400 B

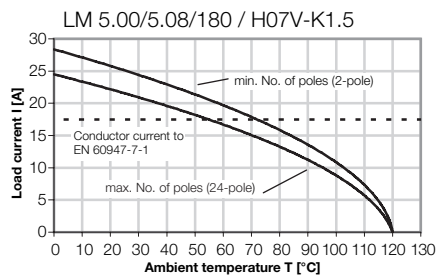
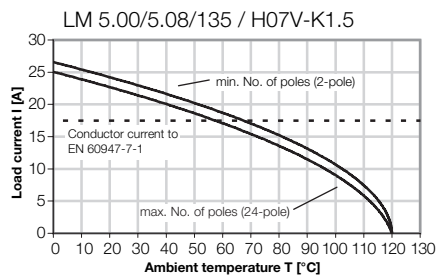
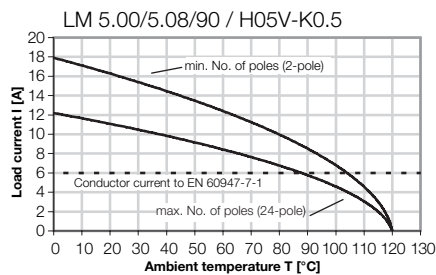
	B	C	D
Rated voltage	V	300	300
Rated current	A	18	10
AWG conductor		24-14	

Material data

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

Information

- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228 pt 1
- Wire end ferrule with plastic collar to DIN 46228 pt 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.



Ordering data

Solder pin length	3.5 mm
Colour	orange

Pitch 5.08 mm

Poles	L1 mm	(inch)	Qty.	Order No.	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

Pitch 5.00 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.00	(0.197)	500		1715310000
3	10.00	(0.394)	500		1715320000
4	15.00	(0.591)	100		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