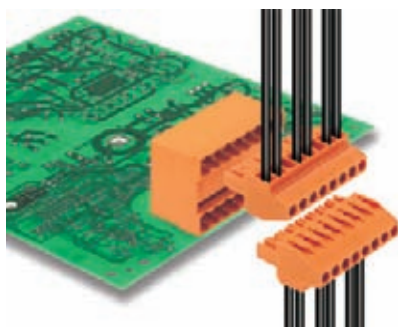


Socket connectors with clamping yoke connection

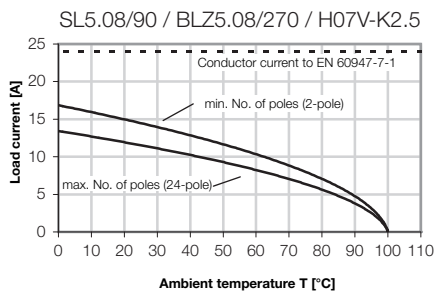
BLZ 5.08/90 BLZ 5.00/90



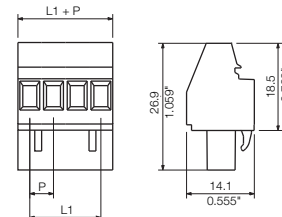
Socket connectors with clamping yoke screw connection for conductor connection with 90° outlet direction, for use with and without mounting blocks. The socket connectors provide space for labelling and can be coded. Packaged in cardboard box.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

Derating curve



BLZ 5.08/90 BLZ 5.00/90



Technical data

Rated data to IEC 60664-1 / IEC 61984

Clamping range, max.	mm ²	0.13...3.31
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...2.5
Flexible with ferrule	mm ²	0.2...2.5
Ferrule with plastic collar	mm ²	0.2...2.5
Stripping length	mm	7
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	15	12

Overvoltage category

	III	III	II
Pollution severity	3	2	2

Rated voltage	V	250	320	400
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Rated impulse voltage	kV	4	4	4
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UL 1059 rated data

	B	C	D
Nominal voltage	V	300	300
Rated current	A	10	10
AWG conductor		26-12	

CSA C22.2 rated data

	B	C	D
Rated voltage	V	300	300
Rated current	A	10	10
AWG conductor		26-12	

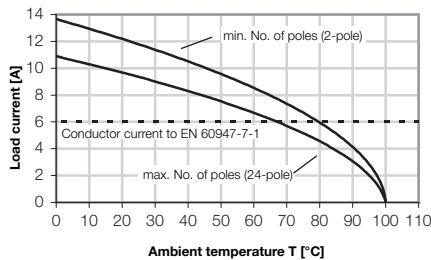
Material data

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

Information

- Additional colours on request
- Gold-plated contact surfaces on request
- 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
- 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.

SL5.08/90 / BLZ5.08/270 / H05V-K0.5



Ordering data

Solder pin length

Colour of plastic	orange	black
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Pitch 5.08 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	180	1552760000	1552710000
3	10.16	(0.400)	120	1552860000	1552810000
4	15.24	(0.600)	90	1552960000	1552910000
5	20.32	(0.800)	72	1553060000	1553010000
6	25.40	(1.000)	60	1553160000	1553110000
7	30.48	(1.200)	48	1553260000	1553210000
8	35.56	(1.400)	42	1553360000	1553310000
9	40.64	(1.600)	36	1553460000	1553410000
10	45.72	(1.800)	36	1553560000	1553510000
11	50.80	(2.000)	30	1553660000	1553610000
12	55.88	(2.200)	30	1553760000	1553710000
13	60.96	(2.400)	24	1553860000	1553810000
14	66.04	(2.600)	24	1553960000	1553910000
15	71.12	(2.800)	24	1554060000	1554010000
16	76.20	(3.000)	18	1554160000	1554110000
17	81.28	(3.200)	18	1554260000	1554210000
18	86.36	(3.400)	18	1554360000	1554310000
19	91.44	(3.600)	18	1554460000	1554410000
20	96.52	(3.800)	18	1554560000	1554510000
21	101.60	(4.000)	12	1554660000	1554610000
22	106.68	(4.200)	12	1554760000	1554710000
23	111.76	(4.400)	12	1554860000	1554810000
24	116.84	(4.600)	12	1554960000	1554910000

Pitch 5.00 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.00	(0.197)	180	1635940000	1636890000
3	10.00	(0.394)	120	1635950000	1636900000
4	15.00	(0.591)	90	1635960000	1636910000
5	20.00	(0.787)	72	1635970000	1636920000
6	25.00	(0.984)	60	1635980000	1636930000
7	30.00	(1.181)	48	1635990000	1636940000
8	35.00	(1.378)	42	1636000000	1636950000
9	40.00	(1.575)	36	1636010000	1636960000
10	45.00	(1.772)	36	1636020000	1636970000
11	50.00	(1.969)	30	1636030000	1636980000
12	55.00	(2.165)	30	1636040000	1636990000
13	60.00	(2.362)	24	1636050000	1637000000
14	65.00	(2.559)	24	1636060000	1637010000
15	70.00	(2.756)	24	1636070000	1637020000
16	75.00	(2.953)	50	1636080000	1637030000
17	80.00	(3.150)	18	1636090000	1637040000
18	85.00	(3.346)	18	1636100000	1637050000
19	90.00	(3.543)	18	1636110000	1637060000
20	95.00	(3.740)	18	1636120000	1637070000
21	100.00	(3.937)	12	1636130000	1637080000
22	105.00	(4.134)	12	1636140000	1637090000
23	110.00	(4.331)	12	1636150000	1637100000
24	115.00	(4.528)	12	1636160000	1637110000