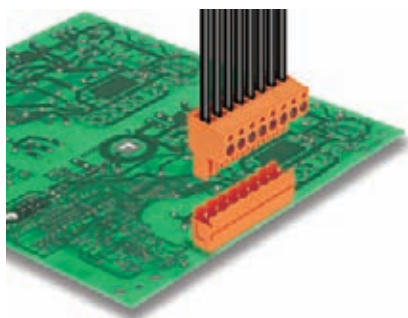


Socket connectors with clamping yoke connection

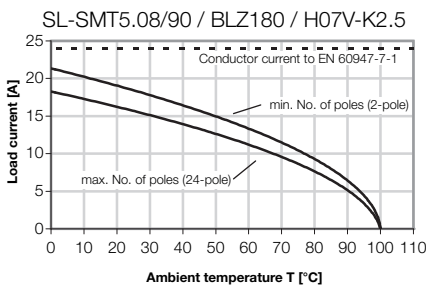
BLZ 5.08/180 BLZ 5.00/180



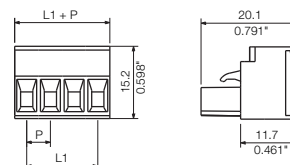
Socket connectors with clamping yoke screw connection for conductor connection with straight 180° outlet direction. The socket connectors provide space for labelling and can be coded. Packaged in cardboard box.

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

Derating curve



BLZ 5.08/180 BLZ 5.00/180



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	19	16

Overvoltage category

	III	III	II
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Pollution severity

	3	2	2
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Rated voltage	V	250	320	400
Rated impulse voltage	kV	4	4	4

UL 1059 rated data

	B	C	D
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Nominal voltage	V	300	300
Rated current	A	15	10
AWG conductor		26-12	

CSA C22.2 rated data

	B	C	D
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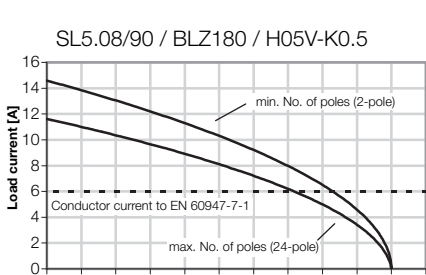
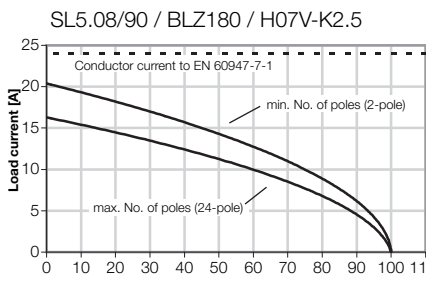
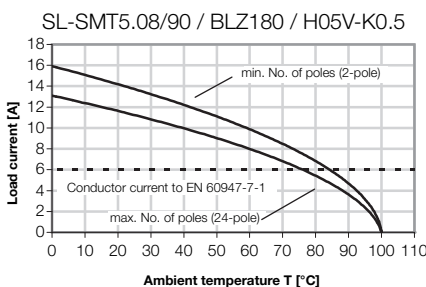
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor		26-12	

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.



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)	100	1526460000	1526410000
3	10.16	(0.400)	100	1526560000	1526510000
4	15.24	(0.600)	100	1526660000	1526610000
5	20.32	(0.800)	50	1526760000	1526710000
6	25.40	(1.000)	50	1526860000	1526810000
7	30.48	(1.200)	50	1526960000	1526910000
8	35.56	(1.400)	50	1527060000	1527010000
9	40.64	(1.600)	50	1527160000	1527110000
10	45.72	(1.800)	50	1527260000	1527210000
11	50.80	(2.000)	50	1527360000	1527310000
12	55.88	(2.200)	50	1527460000	1527410000
13	60.96	(2.400)	50	1527560000	1527510000
14	66.04	(2.600)	50	1527660000	1527610000
15	71.12	(2.800)	50	1527760000	1527710000
16	76.20	(3.000)	50	1527860000	1527810000
17	81.28	(3.200)	20	1527960000	1527910000
18	86.36	(3.400)	20	1528060000	1528010000
19	91.44	(3.600)	20	1528160000	1528110000
20	96.52	(3.800)	20	1528260000	1528210000
21	101.60	(4.000)	20	1528360000	1528310000
22	106.68	(4.200)	20	1528460000	1528410000
23	111.76	(4.400)	20	1528560000	1528510000
24	116.84	(4.600)	20	1528660000	1528610000

Pitch 5.00 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.00	(0.197)	100	1571350000	1625610000
3	10.00	(0.394)	100	1571360000	1625620000
4	15.00	(0.591)	100	1571370000	1596080000
5	20.00	(0.787)	50	1571380000	1625630000
6	25.00	(0.984)	50	1571390000	1596090000
7	30.00	(1.181)	50	1571400000	1596100000
8	35.00	(1.378)	50	1571410000	1596110000
9	40.00	(1.575)	50	1571420000	1625640000
10	45.00	(1.772)	50	1571430000	1596120000
11	50.00	(1.969)	50	1571440000	1625650000
12	55.00	(2.165)	50	1571120000	1602990000
13	60.00	(2.362)	50	1571450000	1625660000
14	65.00	(2.559)	50	1571460000	1625670000
15	70.00	(2.756)	50	1571470000	1625680000
16	75.00	(2.953)	50	1571480000	1603300000
17	80.00	(3.150)	20	1571490000	1625690000
18	85.00	(3.346)	20	1571500000	1625700000
19	90.00	(3.543)	20	1571510000	1625710000
20	95.00	(3.740)	20	1571520000	1625720000
21	100.00	(3.937)	20	1571530000	1625730000
22	105.00	(4.134)	20	1571540000	1625740000
23	110.00	(4.331)	20	1571550000	1625750000
24	115.00	(4.528)	20	1571560000	1611470000