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MASSE OHNE TOLERANZ SIND KEINE PRUEFMASSE
DIMS. WITHOUT TOLERANCE ARE NOT CONTROL DIMS.

DIE DEUTSCHE VERSION IST VERBINDLICH
THE GERMAN VERSION IS BINDING

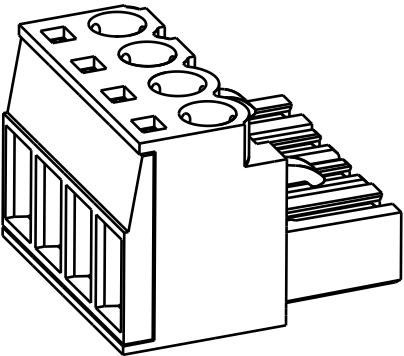
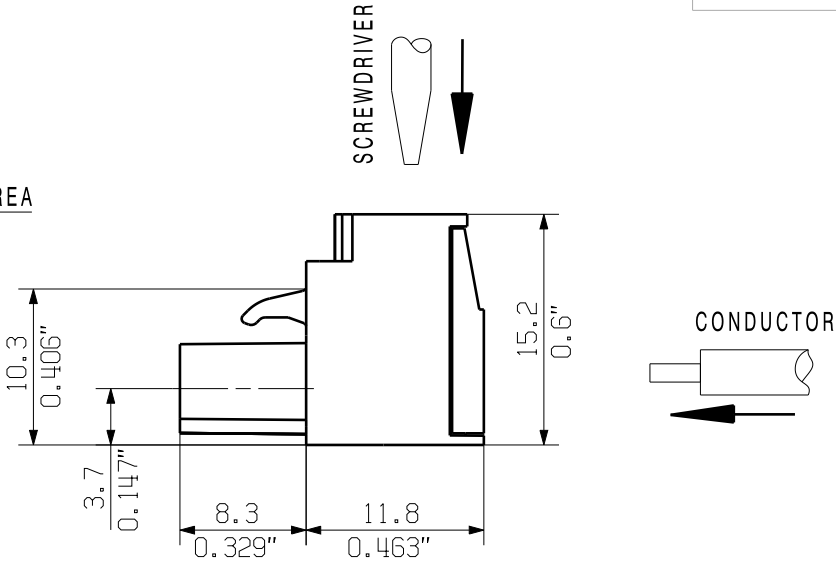
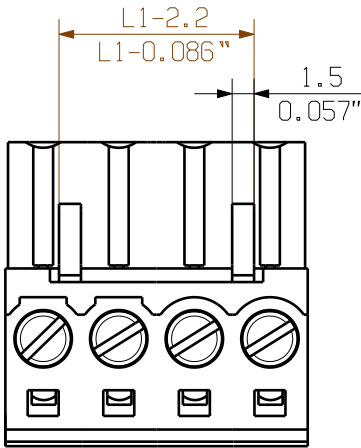
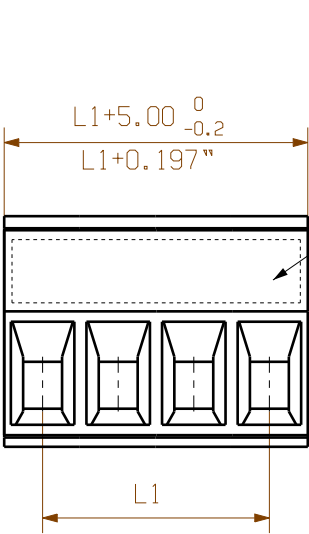
Technical Data

Rev.		Material data	
		Insulation material type	PBT
		Insulation material colours	see order sheet
		Insulation material flammability class	UL94
		Insulation resistance	MOhm
		Contact base material	
		Contact plating	Cu-alloy tin plated
System characteristic values		with counterpart	SL5.00 180°
Pitch P	mm/inch		5.00/0.197
Number of rows			1
Dielectric strength (r.m.s withstand voltage)	kV		>2.21
Mechanical operating cycles acc. to DIN IEC 512			25
Pull in force (max)	N/pole		10
Pull out force (max)	N/pole		8
Through resistance (typical)	mOhm		2.0
Operating temperature range	°C		-55...+100
Degree of protection acc. to VDE 0106 (plugged/unplugged)			finger safe / finger safe
Degree of protection acc. to DIN EN 60529 (plugged/unplugged)			IP20 / IP20
Conductor connection method			clamping yoke
Screw size			M2.5
Screw torque max acc. to EN 60999	Nm		0.4
Screw driver type			SD 0.6 x 3.5
Application notes			
Coding possibility	yes/no		yes (accessory)
Joinable without loss of pitch	yes/no		yes
Manual assembly of modules	yes/no		no
Max number of poles	n		24
Conductor			
Clamping range	mm ²		0.08...2.5
"e" solid H05(07) V-U	mm ²		0.5...2.5
"f" flexible H05(07) V-K	mm ²		0.5...2.5
"f" with ferrule acc. to DIN 46228/1	mm ²		0.5...2.5
... with plastic collar acc. to DIN 46228/4	mm ²		0.5...1.5
Conductor insulation stripping length	mm/inch		7/0.276
Conductor insulation diameter max.	mm		n.a.
Two wire clamping range	mm ²		n.a.
Gauge to EN 60999 (a x b ; Ø)	mm		2.8 x 2.4; 2.4
IEC 664-1 / VDE0110 (4.97) rated data			
Rated cross section acc. to EN 60999	mm ²		2.5
Rated current @ 20°C ambient (together with SL5.00/2)	A		18
Rated current @ 40°C ambient (together with SL5.00/2)	A		15
Overvoltage category / Pollution degree		III/3	III/2 II/2
Rated voltage	V	250	320 400
Rated impulse voltage	kV	4.0	4.0 4.0
UL 1059 rated data		File No.: E60693	B C D
Rated voltage	V		300 - 300
Rated current	A		15 - 10
AWG wire range (field wiring / factory wiring)			22....12
CSA C22.2 rated data		File No.: LR12400	B C D
Rated voltage	V		300 - 300
Rated current	A		15 - 10
AWG wire range (field wiring / factory wiring)			26...12
Packaging			carton
Downloads			www.weidmueller.de

- 1) Without locking latches
2) Sum of ambient temperature and temperature rise
3) Referred to rated cross section and maximum pole number

n.a. = not applicable

Subject to technical changes



24	115,00	4,531
23	110,00	4,334
22	105,00	4,137
21	100,00	3,940
20	95,00	3,743
19	90,00	3,546
18	85,00	3,349
17	80,00	3,152
16	75,00	2,955
15	70,00	2,758
14	65,00	2,561
13	60,00	2,364
12	55,00	2,167
11	50,00	1,970
10	45,00	1,773
9	40,00	1,576
8	35,00	1,379
7	30,00	1,182
6	25,00	0,985
5	20,00	0,788
4	15,00	0,591
3	10,00	0,394
2	5,00	0,197
n	L1 [mm]	L1 [Inch]

For the mounting of PCBs, it should be noted that the rated data given in the catalogue relates only to the connection elements. The necessary creepage and clearance paths must be observed in connection with the respective applicant in accordance to VDE 0110. The current-carrying capacity and pitch tolerance is to be determined according to DIN IEC 326 part 3 very fine.

Weidmüller connectors are tested to the DIN VDE 0627 standard, and are valid for its field of application. Provided that the connectors are used to the intended purpose, all requirements with respect to the occurring of electrical, mechanical, thermic and corrosive stress will be satisfied.

SHOWN: BLZ 5.00/4

 METRIC TOLERANCES: X. = ±0.3 X.X = ±0.1 X.XX = ±0.05					CAT.NO.: .	
	43216/5 11.05.09 HELIS_MA	00	Weidmüller 		C 18227 28	
	MODIFICATION				DRAWING NO. SHEET 02 OF 06 SHEETS ISSUE NO.	
		DATE	NAME	BLZ 5.00/.. / 180 (B) BUCHSENLEISTE SOCKET BLOCK		
	DRAWN	10.12.2007	HELIS_MA			
	RESPONSIBLE		HERTEL_S			
SCALE: 2/1	CHECKED	13.05.2009	HECKERT_M	PRODUCT FILE: BLZ 5.00		
SUPERSEDES: .	APPROVED		HECKERT_M			
				7146		