

Rev.

Material data	
Insulation material type	PBT
Insulation material colors	orange
Insulation material flammability class	UL94 V-0
Insulation resistance	MOhm $> 10^5$
Contact base material	Cu-alloy
Contact plating	tin-plated

Pitch P	mm/inch	5.08/0.2
Number of rows		1
Dielectric strength (r.m.s withstand voltage)	kV	>2.21
Mechanical operating cycles	acc. to IEC 512	>25
Plug in force (max.)	N/pole	10
Pull out force (max.I)	N/pole	8
Through resistance (typical)	mOhm	3.6
Operating temperatur 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	Nm	0.4
Screw driver type		0.6 x 3.5

Coding possibility	yes/no	yes (accessory)
Joinable with loss of pitch	yes/no	no
Manual assembly of modules	yes/no	no
Max. number of poles	n	24

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...2.5
Conductor insulation stripping length	mm	7/0.276
Conductor insulation diameter max.	mm	---
Two wire clamping range	mm ²	0.5...1.5
Gauges to EN 60999 (a x b ; Ø)	mm	2.8x2.4 ; 2.4

Rated cross section acc. to EN 60999	mm ²	2.5		
Rated current @ 20°C ambient (together with)	A	13 (SL5.08)		3
Rated current @ 40°C ambient (together with)	A	11 (SL5.08)		3
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

B	C	D
300	-	300
15	-	10
22...12		

B	C	D
300	-	300
15	-	10
26....12		

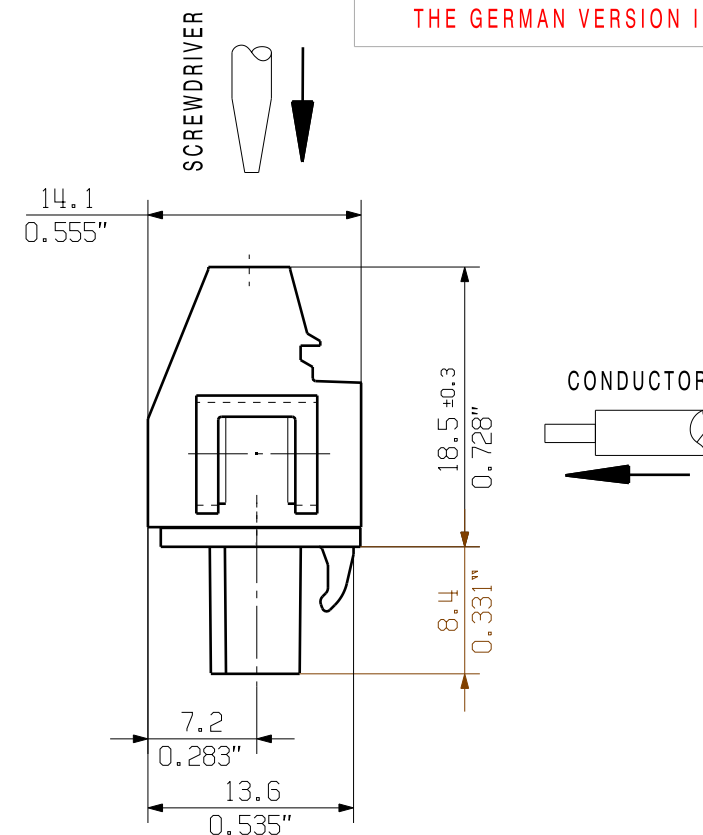
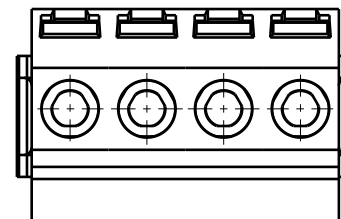
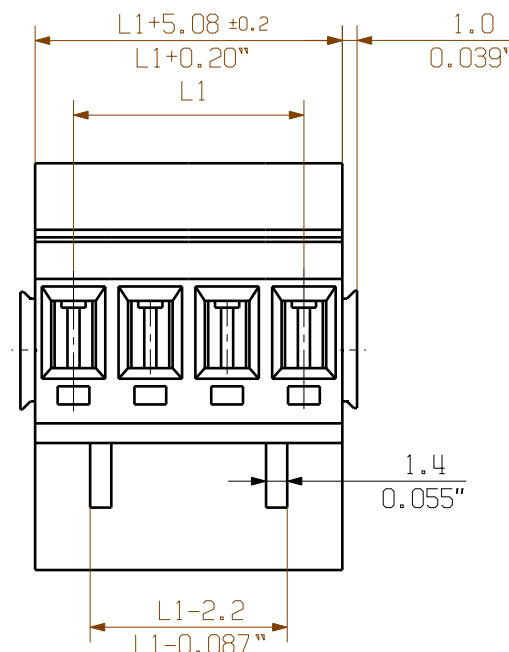
card box

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

n.a. = not applicable

Subject to technical changes



24	116,84	4,60
23	111,76	4,40
22	106,68	4,20
21	101,60	4,00
20	96,52	3,80
19	91,44	3,60
18	86,36	3,40
17	81,28	3,20
16	76,20	3,00
15	71,12	2,80
14	66,04	2,60
13	60,96	2,40
12	55,88	2,20
11	50,80	2,00
10	45,72	1,80
9	40,64	1,60
8	35,56	1,40
7	30,48	1,20
6	25,40	1,00
5	20,32	0,80
4	15,24	0,60
3	10,16	0,40
2	5,08	0,20
n	L1 [mm]	L1 [inch]

SHOWN: BLZ 5.08/4/90B

	METRIC TOLERANCES:				CAT.NO.: .	
	X. = ±0.3	39996/0 21.04.08 HELIS_MA 00			C 16661 (25)	DRAWING NO. ISSUE NO. SHEET 04 OF 05 SHEET
	X.X = ±0.1					
X.XX = ±0.05	MODIFICATION					
		DATE	NAME	BLZ 5.08 / 90 (B) BUCHSENLEISTE SOCKET BLOCK		
	DRAWN	11.04.2008	HELIS_MA			
	RESPONSIBLE		HERTEL_S			
SCALE: 2/1	CHECKED	24.04.2008	HECKERT_M	PRODUCT FILE: BLZ 5.08 90/270 7161		
SUPERSEDES: .	APPROVED		HECKERT M			