

P.C.B. Connector

- Tension Clamp
 - 5.08mm Pitch
 - 2...24 Poles
 - Colour - Orange*
 - 2.5mm² max. wire size (flexible)
- * Other colours available on request

Technical Data

Insulating Material	PBT
Colour	Orange
Flammability Class	UL 94 VO
Contact Pin Material/Plating	CuZn/Sn

Dimensions

Pitch	5.08mm
Air Gap	≥ 2.5mm
Creepage Distance	≥ 4.0mm
Insulation Stripping Length	7mm
Connection	tension clamp
Insulating Resistance	≥ 10 ⁶ MΩ
Through Resistance	≤ 5 MΩ

Conductor Clamping

Max. Clamping Range	0.08...2.5mm ²
Solid	0.5...2.5mm ²
Flexible	0.5...2.5mm ²
AWG Conductors	No. 28...14

VDE Rated Data

Rated Cross Section	2.5mm ²
Rated Current	12A
Rated Voltage (Ins. Grp. C)	250Va.c./300Vd.c.
Rated Voltage (Ins. Grp. B)	380Va.c./450Vd.c.

UL Rated Data

Rated Voltage	Industrial 300Va.c.
Rated Current	10A
Conductor Sizes	26...14AWG

Tightening Torque

Manual Screwdriver Type SD/SDI	0.5Nm
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Ordering Data

Note:

For the mounting of PCBs, it should be noted that the ratings in this catalogue relate only to Connectors. The necessary PCB creepage and clearance paths must be determined in accordance with VDE 0110b. The current capacity of the PCBs is to be observed according to DIN IEC 326 part 3.

Accessories

Strain Relief for socket strip and pin header
Strain Relief for socket strip and pin header

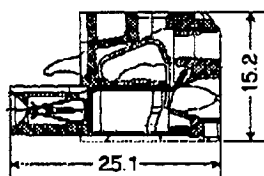
Screwdriver

Operating Tool

Operating Tool

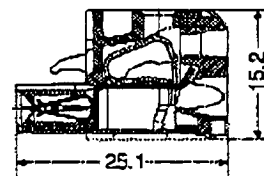
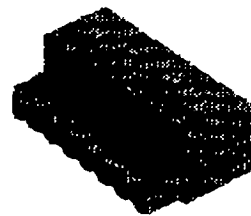
BLZF 5.08/2...24

Free Socket
Tension Clamp



BLZF 5.08/2...24B

Free Socket
Tension Clamp (for use with
Mounting Blocks if required)



Poles	Description	Cat. No.
2	BLZF 5.08/2	170746
3	BLZF 5.08/3	170747
4	BLZF 5.08/4	170748
5	BLZF 5.08/5	170749
6	BLZF 5.08/6	170750
7	BLZF 5.08/7	170751
8	BLZF 5.08/8	170752
9	BLZF 5.08/9	170753
10	BLZF 5.08/10	170754
11	BLZF 5.08/11	170755
12	BLZF 5.08/12	170756
13	BLZF 5.08/13	170757
14	BLZF 5.08/14	170758
15	BLZF 5.08/15	170759
16	BLZF 5.08/16	170760
17	BLZF 5.08/17	170761
18	BLZF 5.08/18	170762
19	BLZF 5.08/19	170763
20	BLZF 5.08/20	170764
21	BLZF 5.08/21	170765
22	BLZF 5.08/22	170766
23	BLZF 5.08/23	170767
24	BLZF 5.08/24	170768

4	BLZF/SLZF 5.xx ZE4	167599
8	BLZF/SLZF 5.xx ZE8	167600

SD (0.6x3.5)	902423
ZBW 1	166962
ZBW W	166963

Poles	Description	Cat. No.
2	BLZF 5.08/2B	170830
3	BLZF 5.08/3B	170831
4	BLZF 5.08/4B	170832
5	BLZF 5.08/5B	170833
6	BLZF 5.08/6B	170834
7	BLZF 5.08/7B	170835
8	BLZF 5.08/8B	170836
9	BLZF 5.08/9B	170837
10	BLZF 5.08/10B	170838
11	BLZF 5.08/11B	170839
12	BLZF 5.08/12B	170840
13	BLZF 5.08/13B	170841
14	BLZF 5.08/14B	170842
15	BLZF 5.08/15B	170843
16	BLZF 5.08/16B	170844
17	BLZF 5.08/17B	170845
18	BLZF 5.08/18B	170846
19	BLZF 5.08/19B	170847
20	BLZF 5.08/20B	170848
21	BLZF 5.08/21B	170849
22	BLZF 5.08/22B	170850
23	BLZF 5.08/23B	170851
24	BLZF 5.08/24B	170852

4	BLZF/SLZF 5.xx ZE4	167599
8	BLZF/SLZF 5.xx ZE8	167600

SD (0.6x3.5)	902423
ZBW 1	166962
ZBW W	166963