



Technology for Light
Components · Optics · Automation

SMD TERMINAL BLOCKS
MADE BY BJB





SMD-Terminal blocks

Mini



BJB SMD Minis. With a height of only 4 mm, they are extremely flat and keep any shadow formation to a minimum.

For efficient assembly of components:
SMD Minis from BJB are ADS-compatible and can be wired robotically.

Push-through

46.111 / 46.121

46.112



Push-through
1 pole



Push-through
2 pole

There is no need to turn the luminaire during assembly as the control gear and wiring are on the same side.

No shadow formation due to protruding components.

A version for higher voltages is also available.

Material details

Temperature stability	-40 °C up to +105 °C
Flammability category, based on UL94	V0
Insulating material group	I
Insulating material	PPA-GF

Important processing notes

Soldering temperature higher 220 °C < 60s
Soldering temperature max. 260 °C < 10s

Depending on the SMD soldering process and associated parameters a minor discoloration might occur. However, this will not influence the functionality.

Protection against contact by insulation housing

Simplified assembly process -
Operating device and wiring
on one side









No shadowing through building parts

Wire insertion channels
for manual and
automatic wiring

Overview of SMD terminal blocks

part no.		Name		Poles		Solid Conductors	FL
46.101.1001.50		SMD Mini		1		x	
46.102.1001.50		SMD Mini		2		x	
46.111.1001.50		SMD Push-through		1		x	
46.112.1001.50		SMD Push-through		2		x	
46.121.1001.50		Push-through		1		x	
46.131.1001.50		SMD Mini-Flex	NEW	1		x	
46.132.1001.50		SMD Mini-Flex		2		x	
46.141.1001.50 Height: 2.7 mm		SMD Nano	NEW	1		x	
46.142.1001.50 Height: 2.7 mm		SMD Nano		2		x	

Accessories: SMD-Mini-B2B-Connector

46.131.U701.50 1 pole		To be combined with 46.131.1001	NEW	
46.132.U701.50 2 pole		To be combined with 46.132.1001		
46.133.U701.50 3 pole		To be combined with 46.131.1001 / 46.132.1001		



DATA & FACTS

BJB was founded in 1867 by Friedrich Wilhelm Brökelmann, Franz Jäger and Gustav Busse. The business began as a factory for petroleum lamps and developed into a company which manufactured components for establishing the connection between power supply and light. Today, BJB is a lighting technology brand which supplies innovative solutions to the lighting and domestic appliance industries worldwide.

BUSINESS SECTORS

- BJB Lighting: Lighting solutions and components for luminaires
- BJB Appliance: Lighting solutions for domestic appliances
- BJB Automation: Machines and equipment for automating luminaire and domestic appliance manufacturing processes

EMPLOYEES

700 worldwide

BJB International

Headquarters: Arnsberg (Westphalia, Germany) Subsidiaries in China, Spain, England, Japan, Italy, Hong Kong, Taiwan and the USA. Representatives in 50 other countries. Products supplied to 70 countries.

RESEARCH & DEVELOPMENT

Every year, there are numerous new developments and improvements to the 3000 different products that we sell. In an effort to achieve continuous progress, our engineers carry out detailed studies of products, markets and customer expectations. They work with the latest technical materials, devices and processes, including:

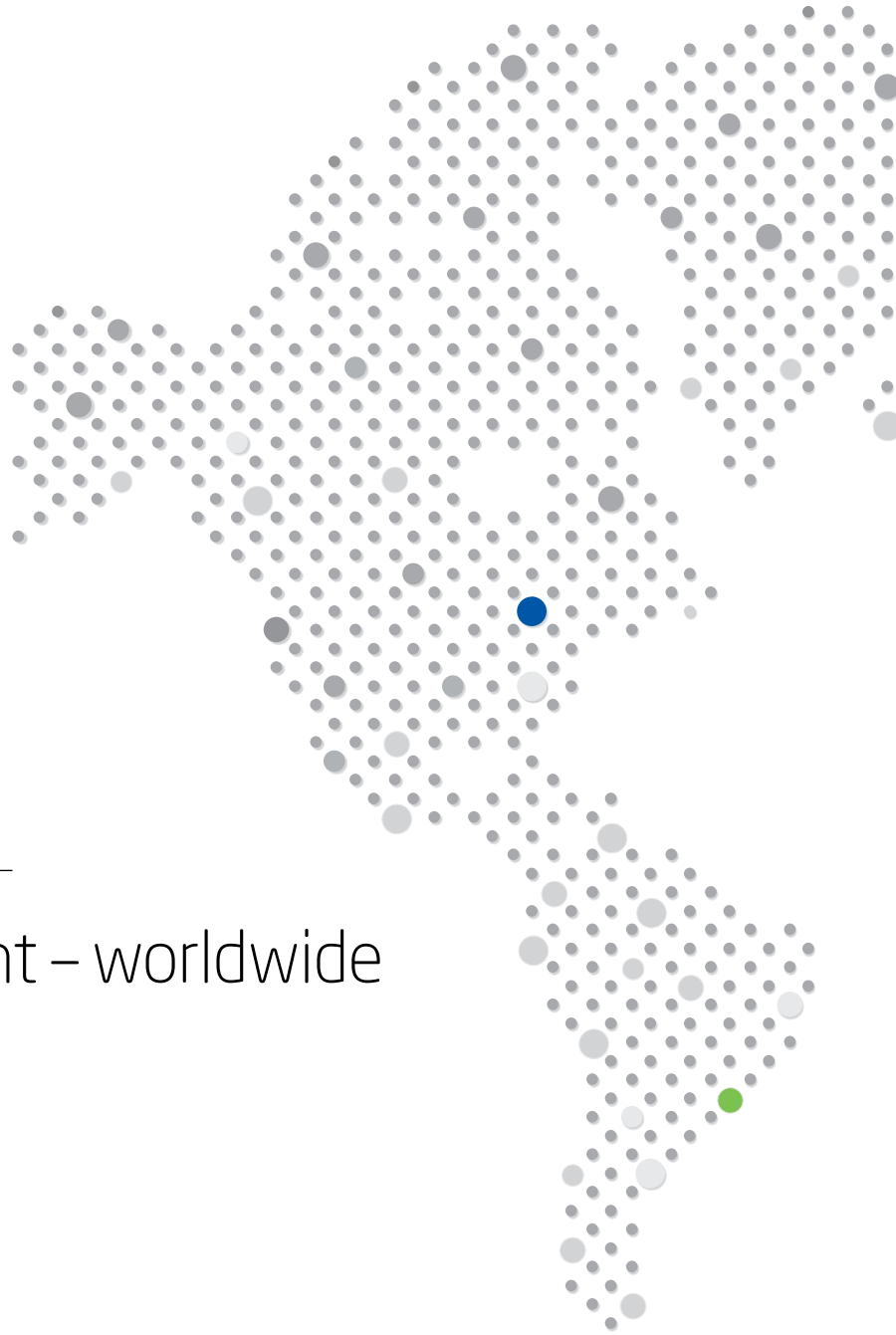
Rapid Prototyping

Laser sintering processes and 3D printers enable us to produce finished models based on design data very quickly without manual intervention.

Computer Aided Technologies

Computer-aided design enables precise results to be obtained more quickly. Models are designed, simulated and optimised on the computer. The analysis functions, which examine components at an early stage to determine their robustness, performance and other characteristics, are particularly useful:

- Computer Aided Inspection
- Computer Aided Engineering
- Computer Aided Design



Technology for Light – worldwide

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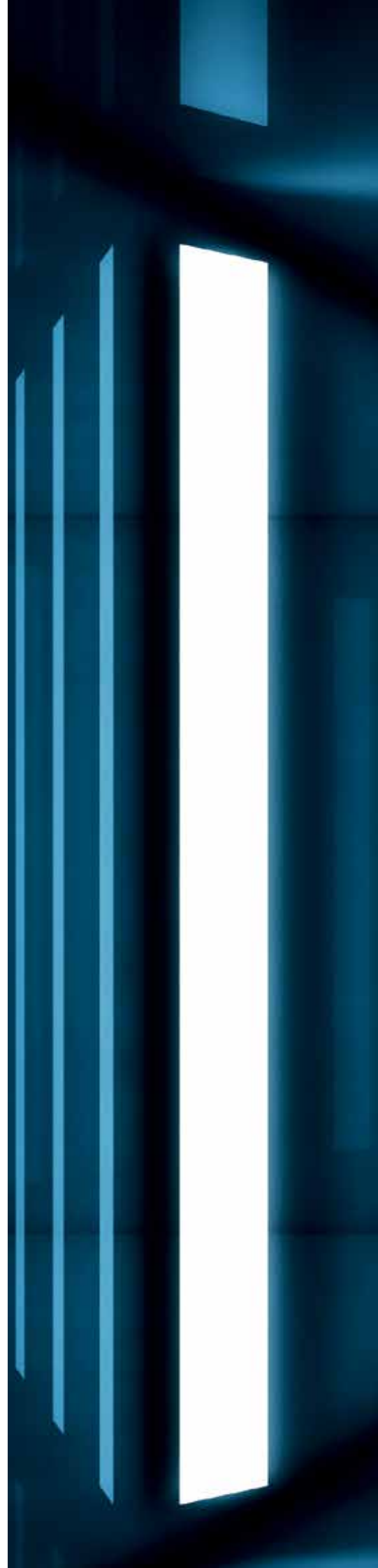
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