EN

B.E.G. Feel comfortable in your building

HIGH-LIGHT

CATALOGUE

For over 45 years, the internationally active family company B.E.G. Brück Electronic GmbH, with its headquarters in Lindlar, Germany, has stood for quality and innovation. Since the beginning, the focus of our employees has been on satisfying customers.

1975 The foundation stone of the comprehensive product range was the development and production of emergency luminaires.

1979 A fire destroyed the entire company building overnight, and administration and production had to be rebuilt.

1986 B.E.G. was one of the first companies in Germany to start manufacturing motion detectors and automatic luminaires. To promote these products, the trademark LUXOMAT® was registered.

1999 The first B.E.G. branch was founded in France. Since then, the number of branches has been steadily increased.

2000 Development of the first occupancy detectors with brightness sensors for daylight-dependent lighting control. Since then, the range of detectors for daylight- and presence-dependent lighting control has been continuously expanded.

2007 Inauguration of the European sales and logistics centre.

2014 The new administration and training centre was built directly adjacent to the production and sales centre.

2017 The former administrative headquarters of B.E.G. is converted into a research and development centre with its own lighting laboratory.

2020 To mark the company's anniversary, the central warehouse in Lindlar is expanded to 8,000 square metres to cope with the distribution of 2.5 million products per year.

2021 We pack efficiently with the help of the Autostore: the newly introduced semi-automatic storage system has been installed in the B.E.G. hall and has been supporting the entire logistics process ever since.

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B.E.G.

Aleum

ALEUM HIGHLIGHT YOUR HOME THROUGH MOTION

- Timelessly clear design, high-quality technology
- "Glow", selectable accent lighting in 8 colours
- 3 m to 16 m range
- Crawl protection
- Electronically + mechanically adjustable
- 4 Sensors
- Available in 2 colour variants
- Bluetooth

The new motion detectors with Glow

Lovers of minimalist architecture want stylish designer devices for the building façade. B.E.G. fulfils this wish with the new Aleum outdoor motion detector models. Their design language is timelessly clear; like two cubes standing on top of each other. At the same time, the high-quality B.E.G. technology allows the owner customisation options.

Aleum Glow White Bright (WB)	Prod.No. 93132
Aleum Glow Anthracite Dark (AD)	Prod.No. 93134

INDIVIDUAL VISUALISATION FOR KNX

The B.E.G. ViSTATION offers a visualisation of a building automation system that is as individual as the system itself. Using plans, graphics, photos or drawings, the integrator creates a customised solution for his customer.

ViStation-KNX-REG Prod.No. 93335

- Simple and clear: With the platform-independent web interface, any standard commercial tablet with a suitable mounting frame can be used as a can be used as a cost-effective control panel.
- Simple operation in KNX: All in the KNX system values used such as temperature, brightness, open doors/windows, etc. can be monitored via the visua canbe viewed on the website of the company.
- Simple operation with DALI-SYS: As with KNX ViSTATION supports visualisation with DALI-SYS.
- And much more ...: Function blocks, MQTT, Remote access, scalability

PD2N-CAS DALI-2 WIRELESS ALL-IN-ONE SOLUTION FOR SMALL ROOMS

- Casambi-capable presence detector for small rooms
- With a detection range of up to 10 m and 2 light sensors perfectly suited for use in smaller rooms
- Can be networked wirelessly and customised in colour using accessories for great flexibility
- Flexible and quick parameterisation of individual sensors via Smartphone/tablet via Casambi app
- Mixed light measurement using internal and external light sensor, can be customised to suit the application
- Extension of the detection range with additional B.E.G Casambi devices possible

With the new Casambi-compatible PD2N-CAS DALI-2 and PD2N-CAS presence detectors, the ideal wireless all-in-one solution is now also available for smaller rooms. dALI luminaires can be controlled directly with the PD2N-CAS DALI-2 via the integrated DALI-2 power supply. The single master device can be connected to the DALI line without much installation effort and yet scenes and functions across lines are possible thanks to wireless communication. The combination of PD2N-CAS DALI-2 and PD2N-CAS is an excellent addition to DALI luminaires and offers all the functions required in the office environment.

PD2N-CAS DALI-2	Prod.No. 93476
PD2N-CAS	Prod.No. 93477

PD2-CAS-GH

PD2-CAS-GH DALI-2

INDOOR HF

When installing wall sensors in corridors, it should be noted that mounting them at the ends of the corridor instead of on the long side results in a shorter detection range. This is due to the fact that in such an arrangement the sensor is not in line with the direction in which people are walking, but is moved radially towards the sensor. For this reason, B.E.G. has developed the Indoor-HF, which is equipped with HF sensors rather than PIR sensors and therefore offers a wider radial detection range.

Indoor HF-1C	Prod.No. 93261
Indoor HF-1C	Prod.No. 93263

- Range:
  tangential / radial r = 4x8 m
- 180°
- 60 GHz HF for the best possible radial detection, in corridors
- Flat, modern and attractive design, in black & white
- Simple assembly
- Glossy & matt: various surfaces
- Dimension: 55 x 55 mm

INDOOR 180N

- Range:
  tangential r = 16 m, radial r = 3 m
- 180°
- Acoustic sensor
- Simple assembly
- Glossy & matt:
  various surfaces
- 1 PIR sensor facing the floor,
  for mounting above doors
- Dimension: 55 x 55 mm

In addition to the light sensor and the 3xPIRs, the Indoor 180N is equipped with a precise acoustic sensor. Thisautomatically extends the run-on time for any noise. This makes it ideal for toilet facilities.

Corridors are also an ideal area of application for the Indoor 180N. Thanks to the special lens, the wall sensor has a unique detection range.

The Indoor 180N impresses with simplified installation, an extendeddetection range and an additional PIR sensor at the bottom, making it suitable for installation above doors.

Indoor 180N-1C Prod.No. 93260
Indoor 180N-1C Prod.No. 93262

KNX SERIES INSTALLATION DEVICES

IN-LINE BUILT-IN APPLIANCES

ViSTATION
Visualisation and
remote server
Visualisation
93335

SA4-230/16/H/KNXs REG
4 switching outputs
Switch actuator
93224

SA8-230/16/H/KNXs REG
8 switching outputs
Switch actuator
93228

SA12-230/16/H/ KNXs REG
12 switching outputs
Switch actuator
93328

SBA4-230/10/H/ KNX REG
4 channel blind actuator
93930

PSN-230/640/30/ KNX REG
Power supply
System device
90214

PSN-230/1280/30/ KNX REG
Power supply
System device
90215

LK-IP/KNXs REG
IP router
System device
90403

LAN-IF/KNXs REG
LAN programming interface
System device
90404

DA64-230/KNX REG
1 DALI line Addressing mode
DALI gateway
93302

DA64-230/ KNX REG DALI-2
1 DALI line Addressing mode
DALI gateway
93338
NEW 2025

LK-TP/KNXs REG
TP line coupler
System device
90410

BIA4-KNXs REG
4 inputs active
Binary inputs
90411
NEW 2025

BIP4-KNXs REG
4 passive inputs
Binary inputs
90412
NEW 2025

USB-C-IF/ KNX REG
USB-C interface
System device
90408

KNX sensors

BASIC

PD2N-KNXs-BA-EN
Presence detector
Ceiling installation
93533

PD2N-KNXs-BA-UP
Presence detector
Flush-mounted
93534

PD4N-KNXs-BA-EN
Presence detector
Ceiling installation
93535

PD4N-KNXs-BA-UP
Presence detector
Flush-mounted
93536

STANDARD

PD2N-KNXs-ST
Presence detector
Flush-mounted
93511

PD2N-KNXs-ST
Presence detector
Ceiling installation
93510

PD4N-KNXs-ST
Presence detector
Flush-mounted
93515

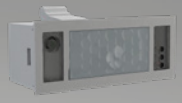
PD4N-KNXs-ST
Presence detector
Ceiling installation
93514

PD11-KNXs-FLAT-ST
Presence detector
Ceiling installation
93522

Indoor 180-KNXs-ST
Presence detector
Wall mounting
93524

PICO-KNXs-ST
Presence detector
Ceiling installation
93539

DELUXE

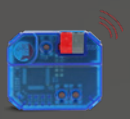
	PD2N-KNXs-OCCULOG-DX Presence detector Flush-mounted 93531		**PD2N-KNXs-OCCULOG-DX** Presence detector Ceiling installation 93530
	PD2N-KNXs-DX Presence detector Flush-mounted 93513		**PD2N-KNXs-DX** Presence detector Ceiling installation 93512
	PD4N-KNXs-DX Presence detector Flush-mounted 93517		**PD4N-KNXs-DX** Presence detector Ceiling installation 93516
	PD11-KNXs-FLAT-DX Presence detector Ceiling installation 93523		**Indoor 180-KNXs-DX** Presence detector Wall mounting 93525
	PD9-KNXs-DX Presence detector Ceiling installation 93520		**PD9-KNXs-GH-DX** Presence detector Ceiling installation 93521
	PD4-KNXs-GH-DX Presence detector Ceiling installation 93518		**PICO-KNXs-DX** Presence detector Ceiling installation 93529
	RC-plus next N 230 KNXs-DX Outdoor presence detector Wall mounting 93528		**RC-plus next N 230 KNXs-DX** Outdoor presence detector Wall mounting 93527
	**PD5N-LAMELLA-KNXs-DX WB** Installation in slatted ceilings Ceiling installation 93508		**PD5N-LAMELLA-KNXs-DX BB** Installation in slatted ceilings Ceiling installation 93509

KNX SERIES INSTALLATION DEVICES

RADIO (RF)

SA1-230/16/H/RF-KNXs
1 channel radio switching actuator
Flush mounting
93582

RF radio deluxe PD2N-RF KNXs-DX
Presence detector radio
Ceiling installation
93580



LK-RF/KNXs
RF/TP media coupler
Flush mounting
90407

USB INTERFACE

USB stick-IF/KNX
USB programming interface
90409

WALL-MOUNTED APPLIANCES

PBM-KNX-DX-4W
4 channel input/output
Push-button interface
93365

PB2-KNX-ST
2-way push-button
Push button
93172

PB4-KNX-ST
4-way push-button
Push button
93174

PB6-KNX-ST
6-fold push-button
Push button
93176

PB8-KNX-ST
8-fold push-button
Button
93178

WS-VOC-HVAC-KNX
Temperature/air flow controller
Controller/multisensor
93806

FUNCTION OVERVIEW SENSOR VARIANTS

Type	PD2			PD4			PD4-GH	PD9 (GH)	PD11		PICO		PD5N	Indoor 180		RC plus next-N
	BA	ST	DX	BA	ST	DX	DX	DX	ST	DX	ST	DX	DX	ST	DX	DX
Number of light sensors	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1
Number of motion sensors	1	1	1	4	4	4	3	1	1	1	1	1	2	1	1	3
Number of HVAC outputs	-	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3
Sensitivity adjustment PIR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bidirectional remote control	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
End customer remote control	-	-	X	-	-	X	X	X	-	X	-	X	X	-	X	X
Temperature sensor	-	-	X	-	-	X	X	X	-	X	-	X	-	-	X	X
Noise sensor	-	-	X	-	-	X	-	-	-	X	-	-	-	-	X	-
Logic module	-	-	X	-	-	X	X	X	-	X	-	X	X	-	X	X
Presence simulation	-	-	X	-	-	X	X	X	-	X	-	X	X	-	X	X
Internal buttons	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal orientation light	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slave output	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Slave input	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Switching operation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Regular operation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Semi-automatic/fully automatic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Light scenes	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Offset operation	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Orientation light function	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Burn-in function	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Parameter changes via object	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Self-adjustment of the run-on time	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Short presence	-	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Direction recognition	-	-	-	-	X	X	X	-	-	-	-	-	-	-	-	X
Daylight-dependent switch-off	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HCL/ RGB control	-	-	X	-	-	X	X	X	-	X	-	X	X	-	X	X
KNX Secure	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

B.E.G. LUXONET
Feel comfortable in your building

GET OFF TO A FLYING START INTO THE MODERN WORKING WORLD!

Our innovative LUXONET® building automation system creates efficiency and freedom for our best! Planners, system integrators and electrical installers can look forward to effective, location-independent work as well as simplicity and time savings on the construction site. Asa result, the new LUXONET® makes work much easier and offers competitive advantages.

NEW AND ESPECIALLY FOR YOU

- a building automation system with Human Centric Lighting for Smart Buildings
- the LUXONET® Portal: a cloud-based software with basic view, virtual rooms, devices, automations and field line planning as a project planning environment
- a fieldbus controller as a playback device for script-based automations, local maintenance interface and link to the cloud
- a fieldbus gateway as a playback device for script-based automations, local test centre for field line installation and link to DALI luminaires, sensors and push-buttons
- a comprehensive, constantly evolving range of DALI sensors and push-buttons for seamless integration into LUXONET®

Learn more

FB Controller

Memory programmable Fieldbus controller for an energy-efficient, convenient and safe building automation with LUXONET®.

- Parameterisation: via web application
- max. 10 W
- 90 x 144 x 64 mm (8TE)
- 3x USB 2.0
  3x LAN 100 Mbit/s
  1x Serial

Learn more

FB Gateway DUO DALI-2

The DUO DALI-2 fieldbus gateway is a device with 2 integrated Multimaster DALI application controllers for more energy-efficient, convenient and safe building automation with LUXONET® from B.E.G.

- Parameterisation: via web application
- max. 13 W
- 90 x 108 x 64 mm (6 HP)
- 2x LAN 100 Mbit/s
  2x DALI

Learn more

BMS DALI-2

DALI-2 certified sensors and push-buttons for seamless integration into the LUXONET® system.

- Parameterisation: via web application
- 4-7mA
- from the DALI bus, max. 22.5 V DC

Learn more

DALI-2 luminaires and actuators

LUXONET® supports all DALI-2 certified control gear across manufacturers. Our own range includes Tuneable White luminaires and switch actuators.

- Parameterisation: via web application

Learn more

Feel comfortable in your building

The illustrations in this catalogue regarding the design, size and colour of the appliances are non-binding.
we reserve the right to make technical and design changes for the purpose of product improvement, as well as errors.

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