Switch Systems
Made of Porcelain, Bakelite® and white Glass

Catalogue 2024

◇THPG

Pull switch Bakelite flush-mounted. (Page 12)

Toggle switch porcelain. (Page 6)

Blind covers: Bakelite (page 12), Duroplast (page 14), Porcelain (page 6), White glass (page 19)

Overview of our switch systems.

Porcelain white	Bakelite® black	Duroplast white	White glass with Bakelite® black	White glass with Duroplast white
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Surface-mounted Bakelite® black	Surface-mounted Duroplast white	Moisture-proof Bakelite® black	Accessories & special applications	Bells
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Bakelite® is a registered trademark of Bakelite GmbH in Iserlohn.

In a different class, inside and out.
Our switch systems made of Porcelain, Bakelite® and Glass.

We develop our switch systems ourselves in Lüding-hausen, Germany. The focus during this process is on functionality, timeless shapes and the use of solid materials. We do not relinquish this step. The production is carried out for us by long-standing and highly specialised partners in Westphalia, Germany and in Silesia, Poland. Our switches are made of porcelain, Bakelite® or duroplast. What these classic materials have in common is a long tradition in electrical engineering and a number of significant advantages even today:

They safely insulate high voltages, are heat-resistant and insensitive to mechanical influences (impact, scratches), do not yellow and are easy to clean with standard household cleaning agents. They are new originals – not "vintage" or "retro" reproductions – with material thicknesses from 2.5 mm (Bakelite/Duroplast covering) to 13 mm (Porcelain covering). The inside of our switches is made of a technical porcelain called steatite and is just as solid as their exterior.

1. System: Porcelain.
Gleaming white and indestructible.

Our first switch system is made of the material that has been used in electrical products since the very beginning: porcelain. It is used not just for aesthetic reasons, but for functional ones: Porcelain offers good dielectric strength and tracking resistance, resists ageing, is extremely solid, and withstands fire and heat undamaged. The high-quality quartz porcelain used for these switches (C 110) complies with the standard for material properties according to DIN VDE 0335-3. It is used by a German manufacturer of technical porcelain in Poland to produce the durable switches in this system exclusively for us.

Switch system Porcelain.

Switch system Porcelain

Rotary switch
10 A, 10 AX, AC 250 V. Porcelain central insert and handle. With spring mechanism.

Rotary switch alternation
Product code **186880**

Rotary switch cross
Product code **186881**

Rotary switch series
Product code **186879**

Rotary switch blind
Product code **186894**

Rotary switch two-pole
Product code **100376**

Toggle switch
10 A, 10 AX, AC 250 V. Porcelain central insert and duroplast toggle.

Toggle switch alternation
Product code **173116**

Toggle switch cross
Product code **173117**

Rocker switch
10 A, 10 AX, AC 250 V. Porcelain central insert and duroplast rocker.

Rocker switch alternation
Product code **173073**

Rocker switch cross
Product code **173074**

Rocker switch control
Product code **173075**

Rocker button
10 A, AC 250 V. Porcelain central insert and duroplast rocker.

Rocker button   Product code **173076**

Rocker button luminescent
Product code **100977**

Rocker button light
10 A, AC 250 V. Porcelain central insert and duroplast rocker with engraved light bulb symbol.

Rocker button light
Product code **173077**

Rocker button light luminescent
Product code **100978**

Glow lamp
The glow lamp is to be put in place of the lower screw.
Product code **173066**

Rocker button bell
10 A, AC 250 V. Porcelain central insert and duroplast rocker with engraved bell symbol.

Rocker button bell
Product code **173078**

Rocker button bell luminescent
Product code **100979**

Rocker button door opener
10 A, AC 250 V. Porcelain central insert and duroplast rocker with engraved key symbol.

Rocker button door opener
Product code **173079**

Rocker button door opener luminescent   Product code **100980**

Dimmer
AC 230 V, 50 Hz. Porcelain central insert and dimming knob.

Dimmer LED
3–35 W, 7–110 W/VA. Pressure alternation.   Product code **100270**

Universal dimmer LED
3–80 W, 7–200 W/VA. Pressure alternation.   Product code **100408**

Universal dimmer PRO LED
3–130 W, 7–350 W/VA. Pressure alternation.   Product code **100407**

Electronic potentiometer
AC 230 V (±10%), 50 Hz.
Product code **173100**

Temperature Control
230 V~/50 Hz. Use as room or floor thermostat. Duroplast central insert.
Product code **100416**

Clock Thermostat
230 V~/50 Hz. Use as a room or floor thermostat with an extended range of functions. Settings can be changed via a mini USB connection. Central insert made of Duroplast.
Product code **100415**

Remote sensor
For temperature control and clock thermostat. NTC remote sensor. Length 4 m. Length can be customized.   Product code **100425**

Cover for sensor
Copper cover for our remote sensor. For installation in the floor. Ø 21 mm/8 mm, length 113 mm.
Product code **100426**

Outlet
16 A, AC 250 V. Duroplast central insert. With screw contacts.
Product code **173067**

Outlet with shutter
16 A, AC 250 V. Duroplast central insert with shutter. With screw contacts.   Product code **173068**

Outlet French version
16 A, AC 250 V. Duroplast central insert. With screw contacts. French version. With shutter.
Product code **175835**

Outlet Swiss version Type 13
10 A, AC 250 V. Duroplast central insert. With screw contacts. For installation in DIN 49073–certified units.   Product code **100873**

Data outlet
Duroplast central insert. For 2 network adapters RJ45 (real.Cat.6a).
Product code **181978**

Note: We recommend concealed sockets with increased socket volume for easy data outlet installation.

Telephone jack
Duroplast central insert. TAE 3 x 6 NFN. For 1 telephone and 2 additional devices or data terminals. 3 x 6-pin, 6 screw contacts.
Product code **150117**

Antenna outlet cable
Duroplast central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers or cable. Passage and terminal box.
Product code **150121**

Antenna outlet satellite
Duroplast central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers. Compliant with DIN 45330 with additional satellite outlet.   Product code **154911**

Blind cover
Duroplast central insert.
Product code **181980**

Single covering
Ø 82 mm. Suitable for all switches, dimmers and outlets of the THPG switch system Porcelain.
Product code **173085**

Single covering for junction boxes
Ø 82 mm. Suitable for junction boxes, temperature controllers, clock thermostat and USB charging station of the THPG switch system Porcelain.
Product code **173086**

System covering external
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, dimmers and outlets of the THPG switch system Porcelain.
Product code **173088**

System covering for junction boxes external
Ø 82 mm. Suitable for junction boxes, temperature controllers, clock thermostat and USB charging station of the THPG switch system Porcelain.
Product code **173089**

System covering centre
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, dimmers and outlets of the THPG switch system Porcelain.
Product code **173087**

Double covering
External dimensions 82 x 153 mm. For vertical and horizontal assembly. Suitable for all switches, dimmers and outlets of the THPG switch system Porcelain.
Product code **173090**

Dimensions and assembly (in mm)
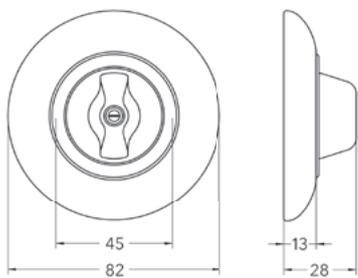
*Rotary switch with single covering*
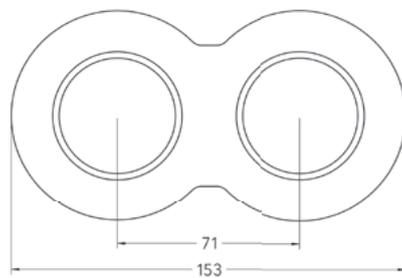
Double covering
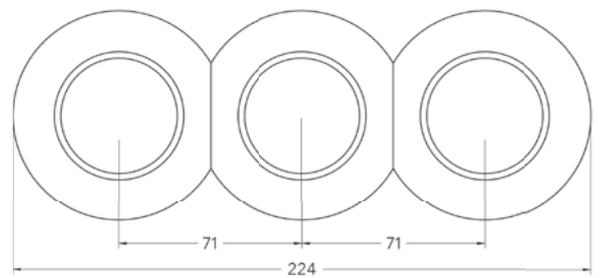
System covering with three covers

Assembly note: The spacing of the inserts in all multiple and system covers correspond to the standard spacing of 71 mm and can be used in existing installations without any problems. The porcelain switch system of course fits into the commercially available, standardised flush-mounted boxes (e.g. from Kaiser).
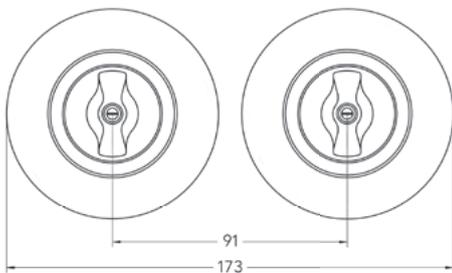
When assembling several units vertically or horizontally in single covers, for optical reasons we recommend a spacing of 91 mm.

Technical information

Alternation switch
These switches can be either used individually as on/off switches or together with a second one to switch a lamp in alternation.

Cross switch
This switch becomes necessary for switching from more than two places.

Series switch
This switch can be used to switch two lamps. The lamps can be switched on separately or together.

Blind switch (group switch)
Switches like a series switch, but always separately. Ideal for switching roller shutter motors.

Rocker button
The rocker is held in position by a spring. Pressing the rocker closes the circuit. Doorbells and door openers work according to this principle. A rocker switch can also be used in combination with a relay. This allows the light in a stairwell, for example, to be switched off automatically after a preset time.

THPG rotary switch
A spring mechanism takes over the shifting process after a quarter turn of the handle.

Toggle/Rocker switch
Switching is done by pressing the rocker or using the toggle.

Outlet
In Germany and many other European countries a socket outlet with side protective contacts is common.

Outlet with shutter
An integrated latch ("shutter") allows plugs to reach the contacts only if both openings are pushed into at the same time. A certain stiffness is intended.

Rotary switch Bakelite with double covering
Gut Manhagen, Langwedel
More images available at *www.thpg.de/en/gallery*

2. System: Bakelite® and Duroplast: The durable predecessors of modern plastic.

In the first half of the 20th century, the name Bakelite was virtually synonymous with plastics. With the emergence of later thermoplastics, "Bakelite" has come to be used to describe the old heavy thermosets (melamine, phenolic resins) as distinct from other types that are somewhat disparagingly referred to merely as "plastic". Contrary to what one might expect from the common usage of the term, "Bakelite" is not a generic name. Instead, it is a trademark, and in the case of Germany it is registered to Bakelite GmbH, which is based in Iserlohn. This situation has created some confusion in terminology. Bakelite is a thermosetting polymer (a thermoset or duroplast, for short), but not every thermoset is Bakelite. Hence the distinction on our part: The black and white switch series are both made of thermosetting polymers, but only the black one is Bakelite in the trademarked sense, while the white one is moulded from a related resin.

Switch system Bakelite® with round covers.

Switch system Bakelite® with square covers.

Switch system Duroplast with round covers.

Switch system Duroplast with square covers.

Switch system Bakelit®

Rotary switch
10 A, 10 AX, AC 250 V. Bakelite central insert and handle. With spring mechanism.

Rotary switch alternation
Product code **186883**

Rotary switch cross
Product code **186884**

Rotary switch series
Product code **186882**

Rotary switch blind
Product code **186895**

Rotary switch two-pole
Product code **100374**

Toggle switch
10 A, 10 AX, AC 250 V. Bakelite central insert and toggle.

Toggle switch alternation
Product code **173043**

Toggle switch cross
Product code **173044**

Double toggle switch series
10 A, 10 AX, AC 250 V. Bakelite central insert and two toggles.
Product code **100571**

Rocker switch
10 A, 10 AX, AC 250 V. Bakelite central insert and rocker.

Rocker switch alternation
Product code **173112**

Rocker switch cross
Product code **173113**

Rocker switch control
with glow lamp
Product code **173047**

Rocker button
10 A, AC 250 V. Bakelite central insert and rocker.

Rocker button   Product code **173054**

Rocker button luminescent
Product code **100973**

Rocker button light
10 A, AC 250 V. Bakelite central insert and rocker with engraved light bulb symbol.

Rocker button light
Product code **173055**

Rocker button light luminescent
Product code **100974**

Glow lamp
The glow lamp is to be placed in place of the lower screw.
Product code **173066**

Rocker button bell
10 A, AC 250 V. Bakelite central insert and rocker with engraved bell symbol.

Rocker button bell
Product code **173056**

Rocker button bell luminescent
Product code **100975**

Rocker button door opener
10 A, AC 250 V. Bakelite central insert and rocker with engraved key symbol.

Rocker button door opener
Product code **173057**

Rocker button door opener luminescent   Product code **100976**

Dimmer
AC 230 V, 50 Hz. Bakelite central insert and dimming knob.

Dimmer LED
3–35 W, 7–110 W/VA. Pressure alternation.   Product code **100274**

Universal dimmer LED
3–80 W, 7–200 W/VA. Pressure alternation.   Product code **100410**

Universal dimmer PRO LED
3–130 W, 7–350 W/VA. Pressure alternation.   Product code **100409**

Electronic potentiometer
AC 230 V (±10%), 50 Hz
Product code **173105**

Temperature control
230 V~/50 Hz. Bakelite central insert. Use as room or floor thermostat.   Product code **100418**

Clock thermostat
230 V~/50 Hz. Bakelite central insert. Use as a room or floor thermostat with an extended range of functions. Settings can be changed via a mini USB connection.
Product code **100417**

Remote sensor
For temperature control and clock thermostat. NTC remote sensor. Length 4 m. Length can be customized.   Product code **100425**

Cover for sensor
Copper cover for our remote sensor. For installation in the floor. Ø 21 mm/8 mm, length 113 mm.
Product code **100426**

Outlet
16 A, AC 250 V. Bakelite central insert. With screw contacts.
Product code **173038**

Outlet with Shutter
16 A, AC 250 V. Bakelite central insert with shutter. With screw contacts.   Product code **174527**

Outlet French version
16 A, AC 250 V. Bakelite central insert. With screw contacts. French version. With Shutter.
Product code **175833**

Outlet Swiss version Type 13
10 A, AC 250 V. Bakelite central insert. With screw contacts. For installation in DIN 49073–certified units.
Product code **100940**

Data outlet
Bakelite central insert. For 2 network adapters RJ45 (real.Cat.6a).
Product code **100722**

Note: We recommend concealed sockets with increased socket volume for easy data outlet installation.

Telephone jack
Bakelite central insert. TAE 3 x 6 NFN. for 1 telephone and 2 additional devices or data terminals.
6 screw contacts.
Product code **100721**

Antenna outlet cable
Bakelite central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers or cable. Passage and terminal box.
Product code **100723**

Antenna outlet satellite
Bakelite central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers. Compliant with DIN 45330 with additional satellite outlet (F-adapter). Terminal box. Digitally compatible.   Product code **100724**

Pull switch
10 A, 10 AX, AC 250 V. Bakelite central insert and pull switch insert.
Product code **173114**

Blind cover
Bakelite central insert.
Product code **173115**

Single covering round
Ø 82 mm. Suitable for all switches and outlets of the THPG switch system Bakelite.
Product code **173063**

Single covering for junction boxes/dimmers round
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Bakelite.
Product code **174940**

System covering external
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches and outlets of the THPG switch system Bakelite.
Product code **173092**

System covering for junction boxes/dimmers external
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Bakelite.
Product code **173094**

System covering centre
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches and outlets of the THPG switch system Bakelite.
Product code **173093**

System covering for junction boxes/dimmers centre
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Bakelite.
Product code **173095**

Single covering square
82 x 82 mm. Suitable for all switches, rocker switches and outlets of the THPG switch system Bakelite.
Product code **119328**

Single covering for junction boxes/dimmers square
82 x 82 mm. For assembling dimmers, data sockets, telephone and antenna outlets, speaker wall socket, temperature controller, clock thermostat and USB charging point.
Product code **119327**

Double covering
External dimensions 82 x 157 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Bakelite.
Product code **173064**

Quadruple covering
External dimensions 299 x 82 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Bakelite.
Product code **173091**

Triple covering
External dimensions 82 x 228 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Bakelite.
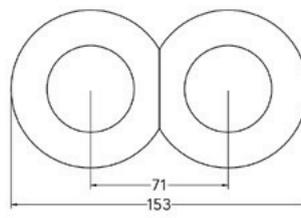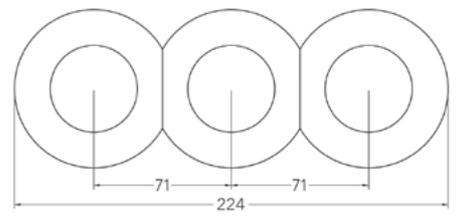Product code **173065**

Dimensions and assembly (in mm)
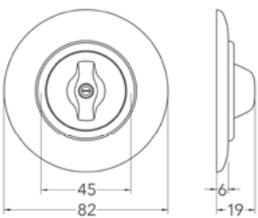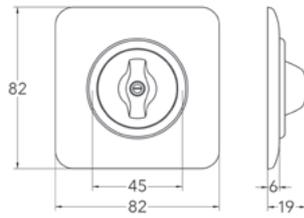
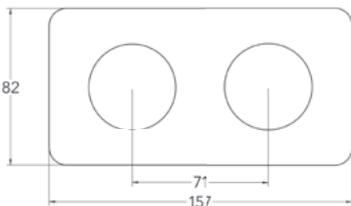*Rotary switch with single covering round*

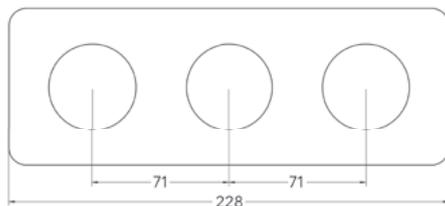*Rotary switch with single covering square*

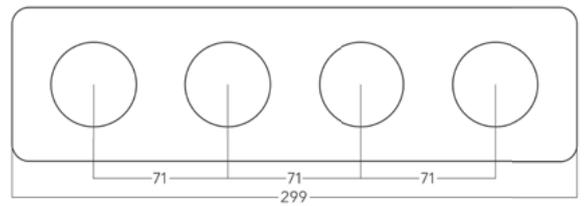*System cover with two covers*

System cover with three covers

Double covering

Triple covering

Quadruple covering

Assembly note: The spacing of the inserts in all multiple and system covers correspond to the standard spacing of 71 mm and can be used in existing installations without any problems. The bakelite switch system of course fits into the commercially available, standardised flush-mounted boxes (e.g. from Kaiser).

When assembling several units vertically or horizontally in single covers, for optical reasons we recommend a spacing of 91 mm.

Switch system Duroplast

Rotary switch
10 A, 10 AX, AC 250 V. Duroplast central insert and handle. With spring mechanism.

Rotary switch alternation
Product code **186886**

Rotary switch cross
Product code **186887**

Rotary switch series
Product code **186885**

Rotary switch blind
Product code **186896**

Rotary switch two-pole
Product code **100382**

Toggle switch
10 A, 10 AX, AC 250 V. Duroplast central insert and toggle.

Toggle switch alternation
Product code **176405**

Toggle switch cross
Product code **176406**

Double toggle switch series
10 A, 10 AX, AC 250 V. Duroplast central insert and two toggles.
Product code **100572**

Rocker switch
10 A, 10 AX, AC 250 V. Duroplast central insert and rocker.

Rocker switch alternation
Product code **176429**

Rocker switch cross
Product code **176430**

Rocker switch control
With glow lamp.
Product code **176407**

Rocker button
10 A, AC 250 V. Duroplast central insert and rocker.

Rocker button   Product code **176408**

Rocker button luminescent
Product code **100981**

Rocker button light
10 A, AC 250 V. Duroplast central insert and rocker with engraved light bulb symbol.

Rocker button light
Product code **176409**

Rocker button light luminescent
Product code **100982**

Glow lamp
The glow lamp is to be placed in place of the lower screw.
Product code **173066**

Rocker button bell
10 A, AC 250 V. Duroplast central insert and rocker with engraved bell symbol.

Rocker button bell
Product code **176410**

Rocker button bell luminescent
Product code **100983**

Rocker button door opener
10 A, AC 250 V. Duroplast central insert and rocker with engraved key symbol.

Rocker button door opener
Product code **176411**

Rocker button door opener luminescent   Product code **100984**

Dimmer
AC 230 V, 50 Hz. Duroplast central insert and dimming knob.

Dimmer LED
3–35 W, 7–110 W/VA. Pressure alternation.   Product code **100308**

Universal dimmer LED
3–80 W, 7–200 W/VA. Pressure alternation.   Product code **100412**

Universal dimmer PRO LED
3–160 W, 7–350 W/VA. Pressure alternation.   Product code **100411**

Electronic potentiometer
AC 230 V (±10%), 50 Hz
Product code **173111**

Temperature control
230 V~/50 Hz. Duroplast central insert. Use as room or floor thermostat.   Product code **100420**

Clock thermostat
230 V~/50 Hz. Duroplast central insert. Use as a room or floor thermostat with an extended range of functions. Settings can be changed via a mini USB connection
Product code **100419**

Remote sensor
For temperature control and clock thermostat. NTC remote sensor. Length 4 m. Length can be customized.   Product code **100425**

Cover for sensor
Copper cover for our remote sensor. For installation in the floor.
Ø 21 mm/8 mm, Length 113 mm.
Product code **100426**

Outlet
16 A, AC 250 V. Duroplast central insert. With screw contacts.
Product code **176400**

Outlet with Shutter
16 A, AC 250 V. Duroplast central insert with shutter. With screw contacts.   Product code **180810**

Outlet French version
16 A, AC 250 V. Duroplast central insert. With screw contacts. French version. With Shutter.
Product code **184728**

Outlet Swiss version Type 13
10 A, AC 250 V. Duroplast central insert. With screw contacts. For installation in DIN 49073–certified installation units.
Product code **100969**

Data outlet
Duroplast central insert. For 2 network adapters RJ45 (real.Cat.6a).
Product code **100726**

Note: We recommend concealed sockets with increased socket volume for easy data outlet installation.

Telephone jack
Duroplast central insert. TAE 3 x 6 NFN. for 1 telephone and 2 additional devices or data terminals.
6 screw contacts.
Product code **100725**

Antenna outlet cable
Duroplast central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers or cable. Passage and terminal box.
Product code **100727**

Antenna outlet satellite
Duroplast central insert. HF-resistant metal housing. BZT-approved. Radio and television adapter for systems with amplifiers. Compliant with DIN 45330 with additional satellite outlet (F-adapter). Terminal box. Digitally compatible.   Product code **100728**

Pull switch
10 A, 10 AX, AC 250 V. Duroplast central insert and pull switch insert.
Product code **176431**

Blind cover
Duroplast central insert.
Product code **176432**

Single covering round
Ø 82 mm. Suitable for all switches, rocker switches and outlets of the THPG switch system Duroplast.
Product code **176421**

Single covering for junction boxes/dimmers round
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Duroplast.
Product code **181997**

System covering external
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, rocker switches, and outlets of the THPG switch system Duroplast.
Product code **176425**

System covering for junction boxes/dimmers external
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Duroplast.
Product code **176427**

System covering centre
Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches and outlets of the THPG switch system Duroplast.
Product code **176426**

System covering for junction boxes/dimmers centre
Ø 82 mm. Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG switch system Duroplast.
Product code **176428**

Single covering square
82 x 82 mm. Suitable for all switches and outlets of the THPG switch system Duroplast.
Product code **119330**

Single covering for junction boxes/dimmers square
82 x 82 mm. For assembling dimmers, data sockets, telephone and antenna outlets, speaker wall socket, temperature controller, clock thermostat and USB charging point.
Product code **119329**

Double covering
External dimensions 82 x 157 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Duroplast.
Product code **176422**

Quadruple covering
External dimensions 299 x 82 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Duroplast.
Product code **176424**

Triple covering
External dimensions 82 x 228 mm. For vertical and horizontal assembly. Suitable for all inserts of the THPG switch system Duroplast.
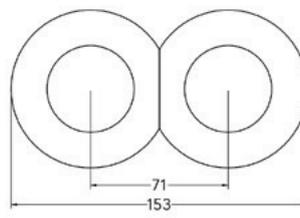Product code **176423**

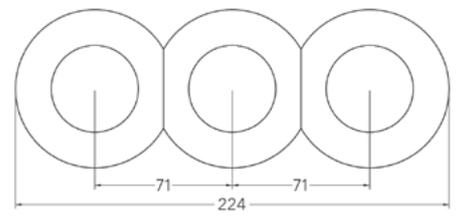## Dimensions and assembly (in mm)
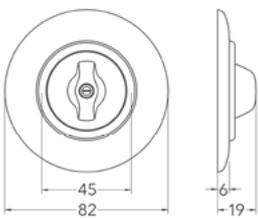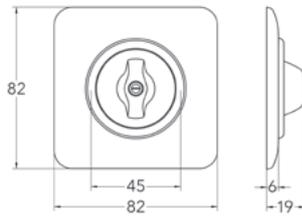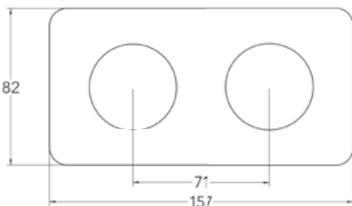

Rotary switch with single covering round

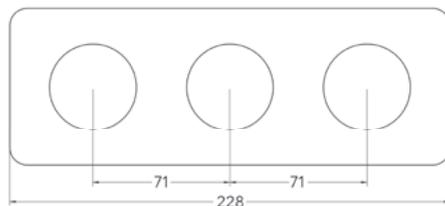*Rotary switch with single covering square*
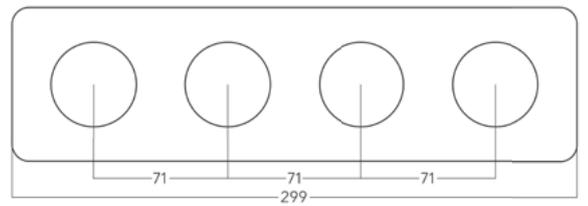
System cover with two covers

System cover with three covers

Double covering

Triple covering

Quadruple covering

Assembly note: The spacing of the inserts in all multiple and system covers correspond to the standard spacing of 71 mm and can be used in existing installations without any problems. The Duroplast switch system of course fits into the commercially available, standardised flush-mounted boxes (e.g. from Kaiser).

When assembling several units vertically or horizontally in single covers, for optical reasons we recommend a spacing of 91 mm.

3. System: A more discreet look. Duroplast and white glass.

In this system, the inserts are covered by nearly neutral-coloured special glass with edges that practically vanish in a highly polished 45° facet cut. This reduces the rugged physical presence of Bakelite/duroplast switches, an effect that is further reinforced if the wall covering is placed below the glass cover. You can use the glass covers with all kinds of switches and outlets from our switch systems Bakelite® and Duroplast. This system also includes coverings that make it possible to place the switches above or next to each other, but does not involve multiple covers. All of our glass parts come from one of what were formerly many glassworks in the Upper Palatine Forest. The glass panes are 4 mm thick and thermally tempered. They offer superior transparency.

Switch system white glass with Bakelite®.

Switch system white glass with Duroplast.

White glass

Single covering full-surface
Ø 82 mm. For assembly of rotary switch white glass.   Product code **100608**

System covering centre full-surface
Ø 82 mm. For assembly of rotary switch white glass.   Product code **100610**

System covering external full-surface
Ø 82 mm. For vertical and horizontal assembly of
rotary switch white glass.   Product code **100612**

Rotary switch white glass
Bakelite® full-surface
10 A, 10 AX, AC 250 V. Without
central insert. Bakelite handle. With
spring mechanism.

Rotary switch alternation
    Product code **100641**
Rotary switch cross
    Product code **100642**
Rotary switch series
    Product code **100643**
Rotary switch blind
    Product code **100644**

Rotary switch white glass
Duroplast full-surface
10 A, 10 AX, AC 250 V. Without
central insert. Duroplast handle. With
spring mechanism.

Rotary switch alternation
    Product code **100666**
Rotary switch cross
    Product code **100667**
Rotary switch series
    Product code **100668**
Rotary switch blind
    Product code **100669**

Combine as you wish
The three individual covers for central inserts are compatible
with all inserts of the switch systems Bakelite and Duroplast.
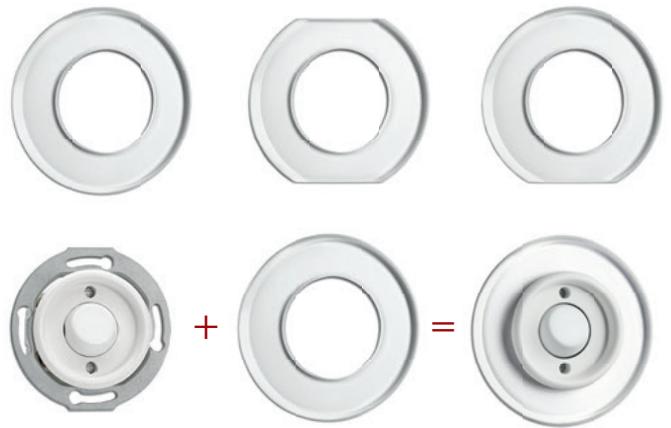
Single covering
Ø 82 mm. Compatible with all inserts of the THPG switch systems
Bakelite and Duroplast.   Product code **100609**

System covering centre
Ø 82 mm. For vertical or horizontal assembly. Compatible with all inserts
of the THPG switch systems Bakelite and Duroplast.   Product code **100611**

System covering external
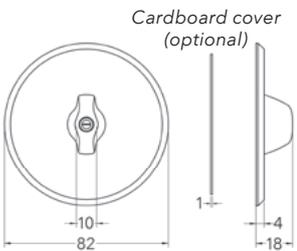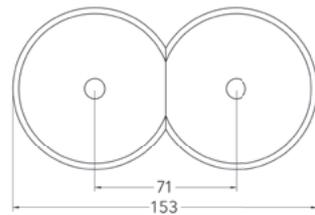Ø 82 mm. For vertical or horizontal assembly. Compatible with all inserts
of the THPG switch systems Bakelite and Duroplast.   Product code **100613**
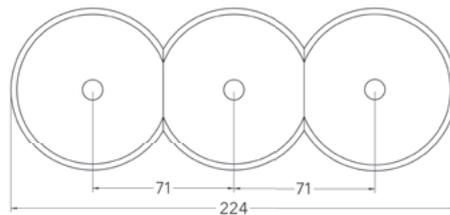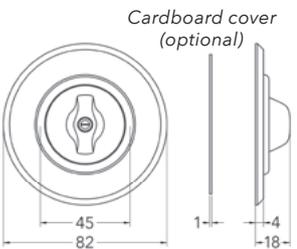

Dimensions and assembly (in mm)

*Rotary switch white glass
with single covering full-surface*

*System covering full-surface
with two covers*

*System covering full-surface
with three covers*

*Rotary switch
with single covering*
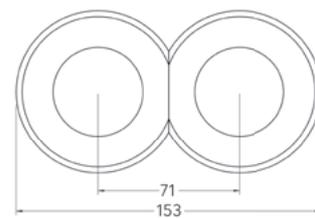
*System covering with two covers
for central inserts*
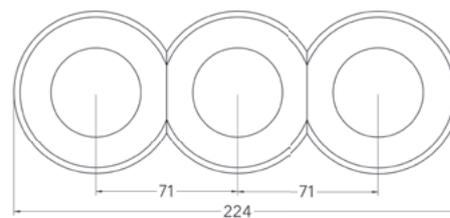
*System covering with three covers
for central inserts*

When assembling several units
vertically or horizontally in single
covers, for optical reasons we
recommend a spacing of 91 mm.
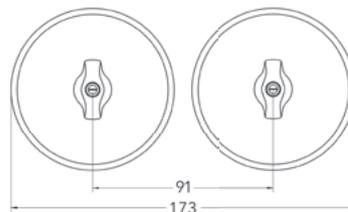
Assembly note: The spacing of the inserts in all system covers correspond to
the standard spacing of 71 mm and can be used in existing installations with-
out any problems. The Glass switch system of course fits into the commercially
available, standardised flush-mounted boxes (e.g. from Kaiser).

Rotary switch surface-mounted Duroplast
Ernst-May-Haus, Frankfurt
https://ernst-may-gesellschaft.de/mayhaus/musterhaus

4. System: Uncomplicated, robust, economical: Surface-mounted switches made of Bakelite® and Duroplast.

Surface-mounted installation of electrical cables and switches is always the best option when economic, structural and pragmatic aspects take centre stage. Two small drill holes are all you need for a secure fit - there's no need for tedious slotting and chiselling of walls. Inspection, repair and expansion of the systems are possible at any time without any problems. The housings are moulded in one piece from 2.5 mm thick material.

Knock-outs at the sides allow cable entry. These switches are solidly built inside and out and are designed for a long, trouble-free service life. A thoroughly pragmatic solution with a classic look.

Switch system surface-mounted Bakelite®

Rotary switch
10 A, 10 AX, AC 250 V, IP20.
Housing and handle made of Bakelite. With spring mechanism.
Rotary switch alternation
Product code **186892**
Rotary switch cross
Product code **186893**
Rotary switch series
Product code **186891**

Toggle switch
10 A, 10 AX, 250 V, IP20.
Housing and toggle made of Bakelite.
Toggle switch alternation
Product code **184198**
Toggle switch cross
Product code **184207**

Outlet
16 A, AC 250 V, IP20.
Housing made of Bakelite. With shutter. With screw contacts.
Product code **184200**
Outlet French version
16 A, AC 250 V, IP 20. Housing made of Bakelite. With shutter and screw contacts.
Product code **100063**

Outlet Swiss version Type 13
16 A, AC 250 V, IP 20. Housing made of Bakelite. With screw contacts.
Product code **101118**

Pull switch
10A, 10 AX, AC 250 V. Housing and pull switch insert made of Bakelite.
Product code **184209**

Base plate
Made of Bakelite. Required for assembly on flammable ground and recommended for uneven surfaces.
Product code **184619**

Switch system surface-mounted Duroplast

Rotary switch
10 A, 10 AX, AC 250 V, IP20.
Housing and handle made of Duroplast. With spring mechanism.
Rotary switch alternation
Product code **186889**
Rotary switch cross
Product code **186890**
Rotary switch series
Product code **186888**

Toggle switch
10 A, 10 AX, 250 V, IP20.
Housing and toggle made of Duroplast.
Toggle switch alternation
Product code **184197**
Toggle switch cross
Product code **184206**

Outlet
16 A, AC 250 V, IP20.
Housing made of Duroplast. With shutter. With screw contacts.
Product code **184199**
Outlet French version
16 A, AC 250 V, IP 20. Housing made of Duroplast. With shutter and screw contacts.
Product code **100062**

Outlet Swiss version Type 13
16 A, AC 250 V, IP 20. Housing made of Duroplast. With screw contacts.
Product code **101117**

Pull switch
10A, 10 AX, AC 250 V. Housing and pull switch insert made of Duroplast.
Product code **184210**
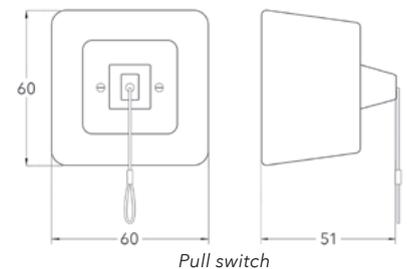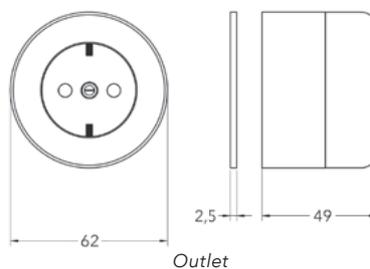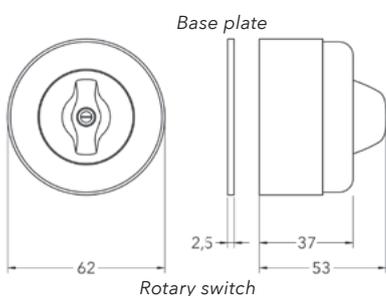
Base plate
Made of Duroplast. Required for assembly on flammable ground and recommended for uneven surfaces.
Product code **184642**

Dimensions and assembly (in mm)

Base plate

62 · 2,5 · 37 · 53
Rotary switch

62 · 2,5 · 49
Outlet

60 · 60 · 51
Pull switch

Rotary switch alternation moisture-proof
Head office of the Thomas Hoof Group, Lüdinghausen.
©Thomas Hoof Group

5. System: The tough ones. For humid environments and outdoor use. Moisture-proof Bakelite® switches. IP44.

They are a piece of electrical industry history. From the late 19th well into the mid-20th century, they could be found in industrial settings and the basements of private homes, bearing the famous names of Siemens-Schuckert and Dr. Deisting. They were among the technical equipment that inspired deep trust in its functionality because of its sturdy physical appearance alone.

And they truly deserve that trust. Electricians today are still amazed at how well even very old installations work, both electrically and mechanically. This is one of the reasons we decided against reinventing these switches and outlets. They remain just as they were: crafted from 2.5 mm thick Bakelite, with a switching mechanism that underscores its authenticity also acoustically.

Dimensions and assembly (in mm)
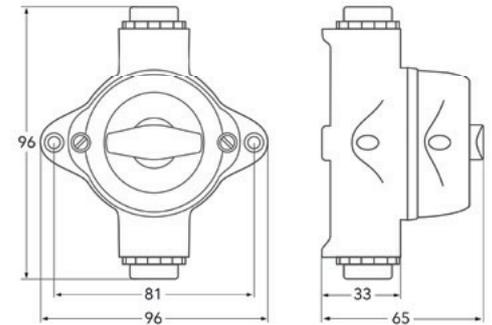
Rotary switch alternation moisture-proof passage

IP44: Protected against foreign objects > 1 mm. Protected against splash water from all sides.

Rotary switch alternation moisture-proof
10 A, 10 AX, AC 250 V, IP44. 96 x 85 mm. Height above plaster 70 mm. Two-part case and handle made of Bakelite with a single input.
Product code **100831**

Rotary switch cross moisture-proof
Product code **100959**

Rotary switch alternation moisture-proof passage
10 A, AC 250 V, IP44. 96 x 116 mm. Height above plaster 70 mm. For vertical combination of outlet and rotary switch. Classically, the rotary switch is placed above the outlet. Two-part case and handle made of Bakelite with opposite input and output.
Product code **100832**

Outlet double input moisture-proof
16 A, AC 250 V, IP44. 96 x 85 mm. Height above plaster 70 mm. Two-part case and lid made of Bakelite with adjacent input and output. With integrated shutter. With screw contacts. IP44 with sealed lid, IP20 with plug inserted.
Product code **100830**

Outlet double input moisture-proof French version
Product code **100939**

Outlet passage moisture-proof
16 A, AC 250 V, IP44. 96 x 116 mm. Height above plaster 70 mm. Two-part case and lid made of Bakelite with input and output on opposite sides. With integrated shutter. With screw contacts. IP44 with sealed lid, IP20 with plug inserted.
Product code **100829**

Outlet passage moisture-proof French version
Product code **100938**

Outlet moisture-proof
16 A, AC 250 V, IP44. 96 x 85 mm. Height above plaster 70 mm. Two-part case and lid made of Bakelite with a single input. With integrated shutter. With screw contacts. IP44 with sealed lid, IP20 with plug inserted.
Product code **100828**

Outlet moisture-proof French version
Product code **100937**

Accessories: Connect, extend, distribute.

Textile cables for laying on plaster. Black.

In addition to its economic appeal, surface-mounted installation also has an aesthetic appeal, for example in factory rooms and basements that have been converted into living quarters. There, however, a major obstacle is in the way – the ugliness of today's standardised surface-mounted cables, which can least of all be reduced by concealing them in plastic cable ducts that look even more horrible. We have solved this problem:

Our cables are standardised and halogen-free NHXMH cables (5 x 1.5 mm² and 5 x 2.5 mm²). They are sheathed with standardised flame-retardant fabric by the last remaining German manufacturer of textile cables (Vogtländisches Kabelwerk GmbH). They are suitable for both indoor and outdoor use.

Surface-mounted textile cables
Textile-sheathed, halogen-free NHXMH cable. Suitable for both indoors and outdoors. Flame-retardant. We offer the cable in any length.

5 x 1.5 mm²	Product code **100834**
5 x 2.5 mm²	Product code **100294**

Matching cable clamps made of black plastic are also available. For fixing and steering the cable along the wall.

Cable clamps
For cables with 10-17 mm diameter. Length 35 mm, width 15 mm, height 24 mm, weight 10 g.

5 piece	Product code **100825**
20 piece	Product code **100826**

Junction box.

Fortunately, we were able to find the tool for this model, which must surely be more than 60 years old. After undergoing restoration and appropiate VDE-testing, this junction box now fills a gap in our surface-mounted range. Bakelite® housing in black or duroplast housing in white with six knockout entries featuring rubber gaskets for various installtion options.

Junction box surface-mounted
AC 400 V. For cables up to 4 x 2.5 mm². 95 x 95 x 45 mm. Weight 140 g. IP44.

Bakelite® Product code **100922**   **Duroplast** Product code **100923**

For special applications.

Garage outlet: Found in Sweden. Made in Germany.

The special feature: Power can only be drawn when the socket is locked (switch position I). Position 0 releases the plug again, which also de-energises the socket. Originally for use in safety-relevant areas such as boiler rooms, construction sites and, as the name suggests, garages, where a spark could cause an explosion if the plug is pulled out. Installation and cable feed are surface-mounted.
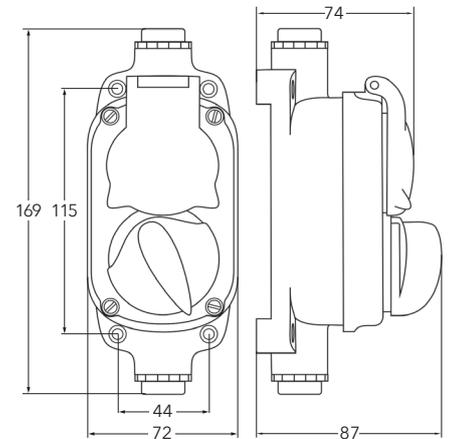
Garage outlet surface-mounted
Two-pole. 16 A, AC 250 V, IP20.
Case and lid made of Bakelite®.
With screw contacts.
Product code **100295**

Dimensions and assembly (in mm)

USB charging station. Made in Germany.

For hotels and other areas where bringing your own charging plug is unwanted (for fire protection reasons, for example).

USB charging station
Duroplast/Bakelite® central insert.
100–240 V~/50–60 Hz. Max. charge 2.5 A. 2 charging sockets USB Type A.

For switch system Porcelain Product code **181979**

**For switch system Bakelite/
White glass Bakelite** Product code **100876**

**For switch system Duroplast/
White glass Duroplast** Product code **100877**

Speaker connections from hi-fi specialist WBT in Essen.

Our speaker connections meet even the highest demands in terms of sound and appearance thanks to WBT connection terminals.

Speaker wall socket WBT
Duroplast/Bakelite® central insert.

For switch system Porcelain Product code **100741**

**For switch system Bakelite/
White glass Bakelite** Product code **100737**

**For switch system Duroplast/
White glass Duroplast** Product code **100739**

Sockets in signal colour.

Sockets in signal red can be used, for example, to identify sockets with an uninterruptible power supply (UPS) or an emergency or mains power supply.

Outlet Duroplast signal red
16 A, AC 250 V. Duroplast central insert.
With screw contacts. Product code **178000**

Single covering Duroplast signal red
Ø 82 mm. Suitable for all switches, rocker switches and outlets of the switch system Duroplast.
Product code **178024**

Square single covering Duroplast signal red
82 x 82 mm. Suitable for all switches and outlets of the THPG switch system Duroplast.
Product code **178026**

Other special applications? Please contact us.

We can also build other connections and switches for you on request. Whether rocker push buttons as normally closed contacts that briefly interrupt a closed circuit, two-pole rotary switches that can de-energise individual areas in a house distribution board, or connections for HDMI, USB-C, DisplayPort, RCA, fibre optics and antenna distributors – thanks to our own production and a strong network of highly specialised partners (such as Rutenbeck from Schalksmühle), we can meet almost any requirement. Just get in touch with us:

+49 2591 2590-210 · info@thpg.de

The sound of bells instead of electronic whining.

A Bakelite® housing that contains an electric ringing mechanism from the 1960s: our doorbells. With flat or cone ringer. These melodious items should not be connected to a power line, but to a bell wire with an upstream transformer (output voltage 8-12 V~).

Flat ringer doorbell in Bakelite® housing
Flat bell made of nickel-plated steel.
Volume 84 dB (A). 70 x 150 x 35 mm.
Weight 200 g.   Product code **179983**

Cone ringer doorbell in Bakelite® housing
Cone bell made of nickel-plated steel.
Volume 87 dB (A). 70 x 150 x 85 mm.
Weight 260 g.   Product code **175074**

Our doorbell buttons.

Doorbell Bakelite® black
Made of black Bakelite with black push-button (extra-low voltage push-button) with self-cleaning friction contact.
Ø 50 mm, height 20 mm. Max. 24 V~ (5 mA–1.5 A/24 VA)/max. 24 V= (5 mA–1.0 A/12 W).
                    Product code **100880**

Doorbell Bakelite® black with white button
Made of black Bakelite with white push-button (extra-low voltage push-button) with self-cleaning friction contact.
Ø 50 mm, height 20 mm. Max. 24 V~ (5 mA–1.5 A/24 VA)/max. 24 V= (5 mA–1.0 A/12 W).
                    Product code **100881**

Doorbell Duroplast with black button
Made of white Duroplast with black push-button (extra-low voltage push-button) with self-cleaning friction contact.
Ø 50 mm, height 20 mm. Max. 24 V~ (5 mA–1.5 A/24 VA)/max. 24 V= (5 mA–1.0 A/12 W).
                    Product code **101013**

Where to buy

Our switch series are available from our domestic and foreign retail partners, your local electrician, electrical wholesalers or directly from us. You can point your electrician, whom we strongly recommend for work on electrical installations, directly to us and we will coordinate delivery to you with him.

We can also give you the name of an electrician in your area who has worked with our products in the past.
You can call us Mondays to Thursdays during office hours from 8 a.m. to 5 p.m. and Fridays from 8 a.m. to 3 p.m. at +49 2591 2590-210. Or visit us online at www.thpg.de

Who we are.

The company THPG, established by Manufactum founder Thomas Hoof, was part of the Manufactum Group from 1998 to 2007, where it was responsible for the development and manufacture of Manufactum's own product lines. Today, it concentrates on the production and distribution of switch and lighting systems made of Bakelite®, porcelain and glass, which are now successful throughout Europe. They are most often used in the preservation of historical monuments, in the renovation of old buildings, in hotels, museums, commercial, public and private new buildings. Everywhere they appear, they are also a statement on distancing from trends and on durability as a virtue.

Since 2017, the listed company headquarters is located in Lüdinghausen, Germany.

What we stand for.

Quality.

Made in Germany and Europe.
What we do not produce ourselves in our own work-shop in Lüdinghausen, we have manufactured for us by long-standing partners. The majority of these partners are based in Germany: in Westphalia, Franconia, the Rhine-Main region, Kraichgau and Vogtland - but also in Lower Silesia in Poland, Piedmont and Veneto in Italy.

Longevity.
Solid products made of Bakelite, glass and porcelain.
We work with traditional materials. Not just because they are visually more pleasing. They all have convincing application-specific advantages and guarantee the long service life of our products.

Constructive transparency.
Comprehensible design, easy to dismantle.
Wherever possible, we design our switches, lights and fittings so that every component connection can be detached again and again. In concrete terms, this means screws instead of rivets and glue. This principle, once universally applied but now lost in the world of consumer goods, ensures that our products can be repaired and maintained.

Repairability.

Spare parts from our warehouse at all times.
We guarantee long product cycles. You can obtain spare and wear parts directly from our warehouse in a short space of time - and for many years to come. And if you don't want to do it yourself, we can do it for you. We repair at any time in our workshop.

Fashion distance.

Subtle shapes that you won't get tired of. We offer products that will still look good even after many years: The timeless shape is not arbitrarily imposed on the object according to changing tastes, but follows its function. Fashion-related changes become obsolete.

What else we do.

Lights made of Porcelain, Bakelite®, Metal and Glass ·
Door and Window Fittings · Bathroom fixtures
and fittings and many other things
that are made to last

www.thpg.de