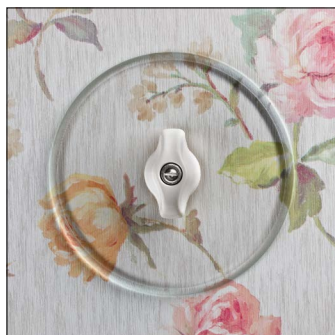


Switch Systems

Made of Porcelain, Bakelite®
and Glass

Catalogue 2022/23



THPG. Switches and more.

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. It is therefore the originator of many original Manufactum products. Today, THPG focuses on the production and distribution of Bakelite®, porcelain and glass switch and lighting systems, which have been marketed successfully throughout Europe - in the preservation of historical monuments, in the renovation of old buildings, in hotels, museums, commercial, public and private old and new buildings. Wherever they appear, they are also a statement on distancing from trends and on durability as a virtue. Since 2017, the company has had its headquarters in a listed villa in Lüdinghausen, Münsterland,



in the immediate vicinity of the former Deutsche Kornbranntwein-Verwertungsstelle, which is steeped in history.

Overview of our switch series.



Porcelain white

Page 3



Bakelite® black

Duroplast white

Page 8



White glass Bakelite® black

White glass Duroplast white

Page 15



Surface-mounted Bakelite® black

Surface-mounted Duroplast white

Page 20



Moisture-proof Bakelite® black

Page 22



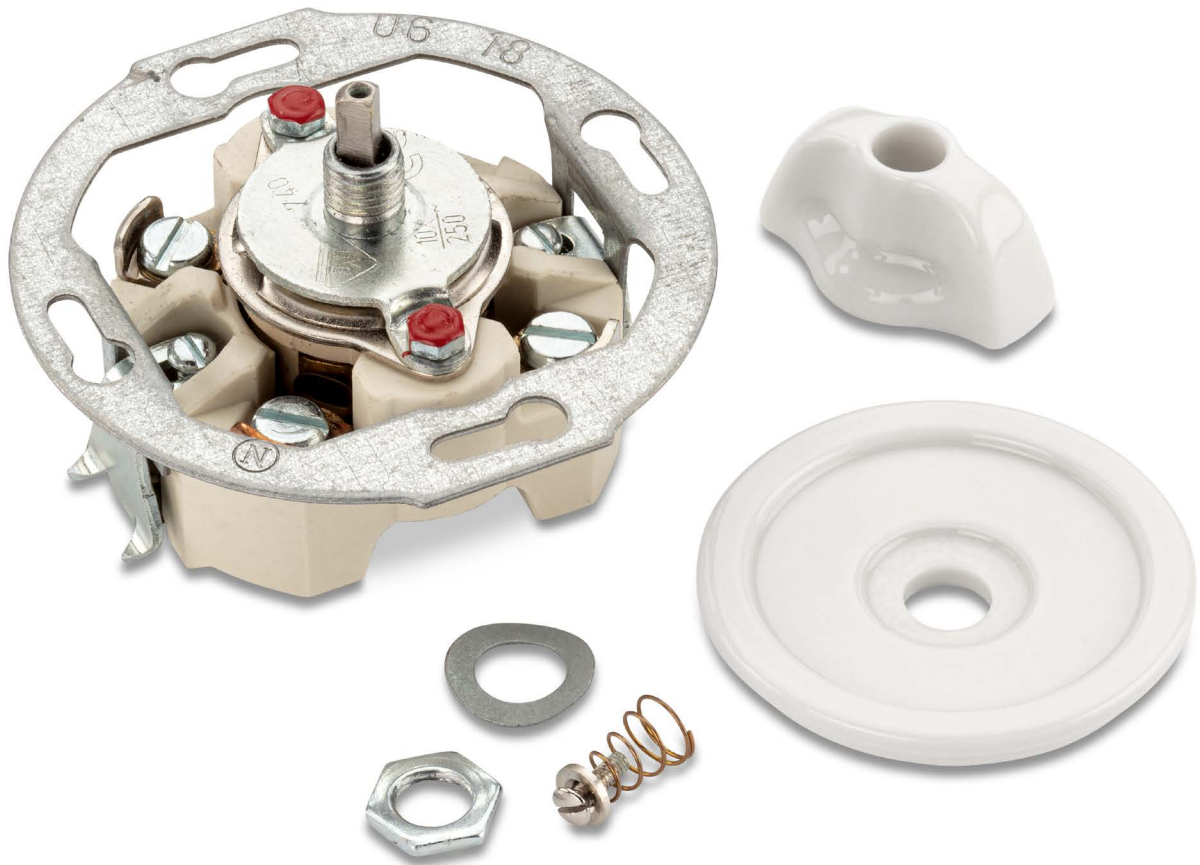
Components

Page 23



Bells

Page 26



In a different class, inside and out. Our light switch systems made of porcelain, Bakelite® and glass.

Our porcelain and bakelite switch systems were developed by THPG. We have them produced in Westphalia (switch mechanisms, bakelite covers and central inserts) and in the Polish town of Mystakowice (porcelain covers and central inserts). The materials used - porcelain, bakelite and duroplast - have a long history in electrical engineering and still have major advantages today: They provide reliable insulation for even high voltages, withstand heat and fire

for a long time, and are highly resistant to mechanical influences (impact, scratches), do not yellow or fade, and are easy to clean using standard household cleaning agents. These are new original products (not "vintage" or "retro" reproductions) ranging in thickness from 2.5 mm (bakelite covers) to 13 mm (porcelain covers). The interior is made of a technical porcelain called steatite (for rotary switches, toggle switches, rocker push-button switches and rocker switches) or duroplast (for sockets) and is also very solid.

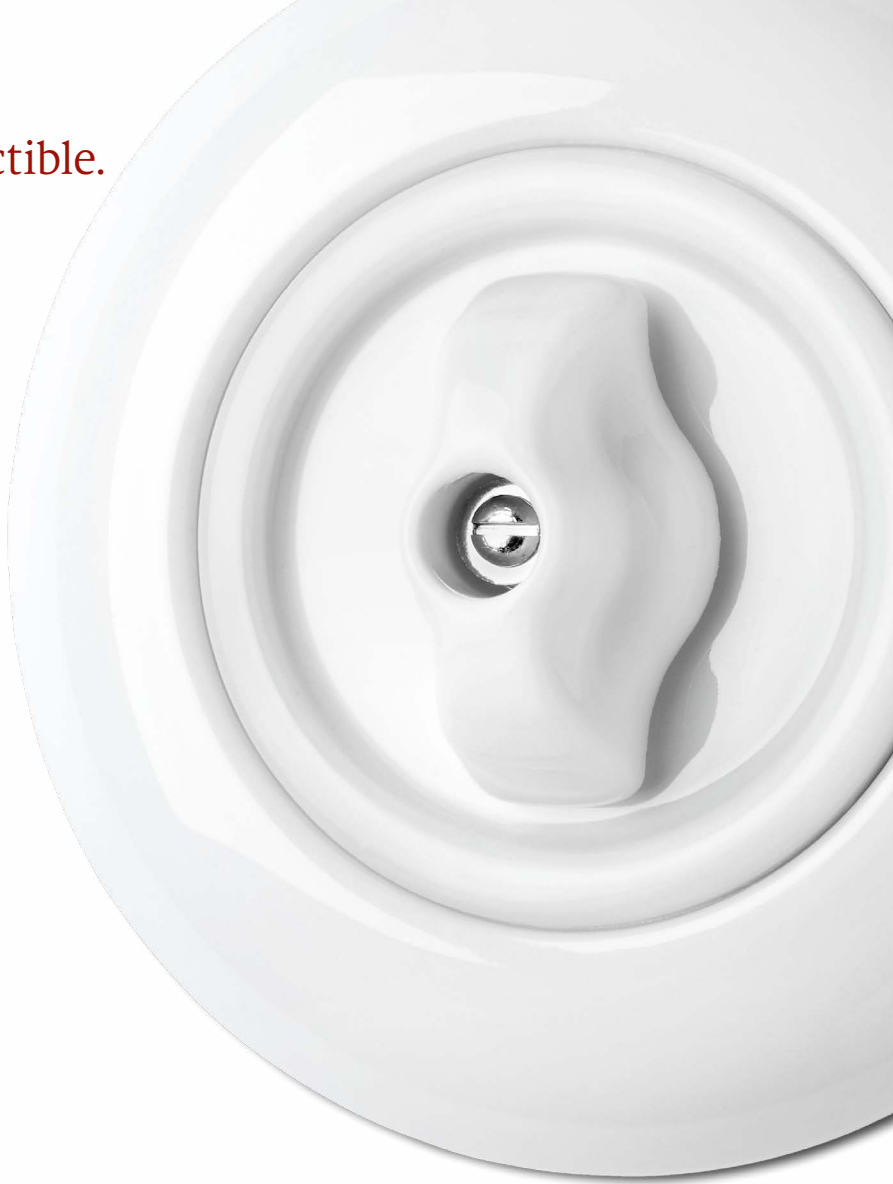




Rotary switch and toggle switch with single coverings
"Wohnhaus S", Ubstadt-Weiher.
© Daniel Vieser Architekturfotografie
More images available at www.thpg.de/en/gallery

Series I: Porcelain. Gleaming white and indestructible.

Our first switch series 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. In 2021, production of our porcelain covers was relocated from our long-standing partner for technical ceramics, the Rauschert company, from Neuhaus-Schierschnitz in Thuringia to its factory in Zillerthal-Erdmannsdorf/Mysłakowice in Silesia (Poland), which has been in operation as a porcelain factory since 1908.



Switch series porcelain.



Porcelain



Rotary switch

10 A, 10 AX, AC 250 V. Porcelain central insert and locking bolt. With spring mechanism.

Rotary switch alternation

Product code **186880**

Rotary switch crossbar

Product code **186881**

Rotary switch multicircuit

Product code **186879**

Rotary switch blind

Product code **186894**



Rocker switch

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

Rocker switch alternation

Product code **173073**

Rocker switch crossbar

Product code **173074**

Rocker switch control

Product code **173075**



Rocker push button

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

Rocker button

Product code **173076**

Rocker button illuminated*

Product code **100977**



Rocker button light

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

Rocker button light

Product code **173077**

Rocker button light illuminated*

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 symbol bell.

Rocker button bell

Product code **173078**

Rocker button bell illuminated*

Product code **100979**



Rocker button door opener

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

Rocker button door opener

Product code **173079**

Rocker button door opener illuminated*

Product code **100980**



Dimmer

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

Dimmer light bulb

60-600 W/VA. Pressure alternation. Product code **173080**

Dimmer LED

3-35 W, 7-110 W/VA. Pressure alternation. Product code **100270**

Universaldimmer LED

3-80 W, 7-200 W/VA. Pressure alternation. Product code **100408**

Universaldimmer PRO LED

3-130 W, 7-350 W/VA. Pressure alternation. Product code **100407**

Electronic potentiometer

AC 230 V ($\pm 10\%$), 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 installations 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 socket 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**



USB charging station

100-240 V~/50-60 Hz. Duroplast central insert. Max. charge 2.5 A. 2 charging sockets USB Type A. Product code **181979**

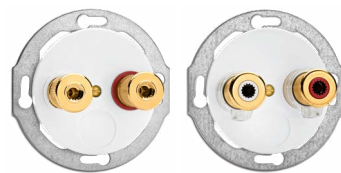


Antenna outlet cable

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**



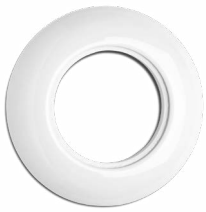
Speaker wall socket WBT

Duroplast central insert. Speaker terminals from hi-fi specialist WBT in Essen. Product code **100741**

Speaker wall socket WBT nextgen™

Duroplast central insert. nextgen speaker terminals from hi-fi specialist WBT in Essen. Product code **100742**

* The rockers have integrated pigments that charge with energy when exposed to light and glow in the dark. They are free of radioactive substances, lead, cadmium and chrome pigments.



Single covering

Ø 82 mm. Suitable for all switches, dimmers and outlets of the THPG Switch Series Porcelain.
Product code **173085**



External system covering

Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, dimmers and outlets of the THPG Switch Series Porcelain.
Product code **173088**



System covering centre

Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, dimmers and outlets of the THPG Switch Series 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 Series Porcelain.
Product code **173090**

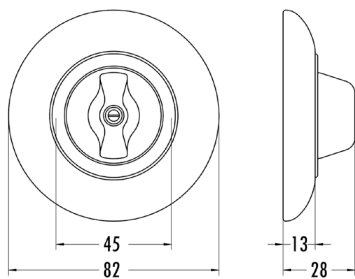
Single covering for junction boxes

Suitable for junction boxes, temperature controllers, clock thermostat and USB charging station of the THPG Switch Series Porcelain.
Product code **173086**

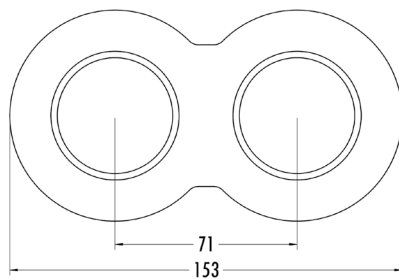
External system covering for junction boxes

Suitable for junction boxes, temperature controllers, clock thermostat and USB charging station of the THPG Switch Series Porcelain.
Product code **173089**

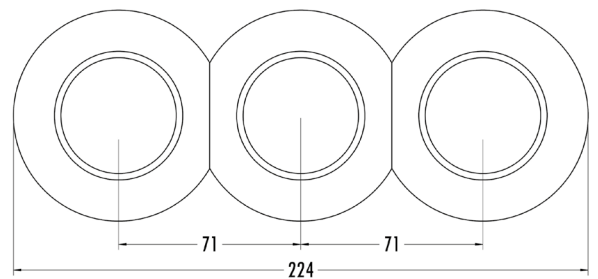
Dimensions and assembly (in mm)



Over-centre rotary switch with single covering

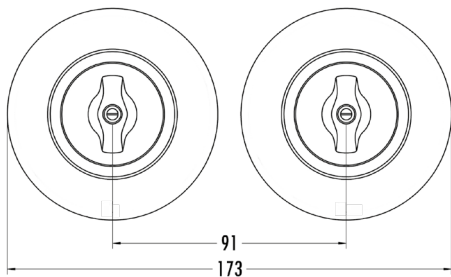


Double covering porcelain



System cover porcelain 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

Changeover switch

These switches can be either individually used as on/off switches or additionally with a second toggle switch to switch a luminaire 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 luminaires. The luminaires can be switched on separately or switched on together.

Over-centre rotary switch blind (Gang switch)

Switches like a series switch, but always separately. So roller shutter motors up and down can always be operated separately.

Rocker button (Impulse current circuit)

The rocker is held in the home position with a spring. Pressing the rocker closes the circuit. Doorbells and door openers work according to this principle. A rocker switch circuit can also be used to reach a relay. For the staircase circuit, for example, the light goes out again automatically after a preset time.

Over-centre rotary switch

Shifting is via a snap-action mechanism that takes over the gearshift after a quarter-turn of the toggle with a rich clack.

Toggle switch

By pressing the rocker or using the toggle switching is done.

Outlet

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

Outlet with shutter

An integrated latch ("shutter") allows plugs only to reach the contacts if both openings are reached at the same time to press the latch. A certain sluggishness is intended.



Toggle switch Bakelite
© Gunther Mellebeek
Private home in Belgium
More images available at www.thpg.de/en/gallery

Series 2: Bakelite® and Duroplast.

In the first half of the 20th century, "bakelite" was virtually synonymous with plastics. With the emergence of later thermoplastics, the term "bakelite" has come to be used to denote 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 given the common usage of the term, "Bakelite" is not a generic name. Instead, it is a trademark and in Germany is registered to Bakelite AG, which is based in Iserlohn (and, after having been sold by its parent company, Rütgerswerke, to Borden Chemical in 2005, was owned by various American chemical companies until it was eventually acquired by Momentive Specialty Chemicals). This situation has created some confusion in terminology. Bakelite is a thermosetting polymer ("thermoset", 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 series is bakelite in the trademarked sense, whereas the white series is moulded from a related resin. For more about bakelite, its place in the history of materials and cultural history, and its career as a cult favourite material, see www.thpg.de/en/material.



Switch Series Bakelite® with round covers.



Switch Series Bakelite® with square covers.



Switch Series Duroplast with round covers.



Switch Series Duroplast with square covers.





Rotary switch

10 A, 10 AX, AC 250 V. Bakelite central insert and locking bolt. With spring mechanism.

Rotary switch alternation

Product code **186883**

Rotary switch crossbar

Product code **186884**

Rotary switch multicircuit

Product code **186882**

Rotary switch blind

Product code **186895**



Toggle switch

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

Toggle switch alternation

Product code **173043**

Toggle switch crossbar

Product code **173044**

Double toggle switch multicircuit

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 crossbar

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, illuminated*

Product code **100973**



Rocker button light

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

Rocker button light

Product code **173055**

Rocker button light, illuminated*

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 symbol bell.

Rocker button bell

Product code **173056**

Rocker button bell, illuminated*

Product code **100975**



Rocker button door opener

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

Rocker button door opener

Product code **173057**

Rocker button door opener illuminated*

Product code **100976**



Dimmer

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

Dimmer light bulb

60-600 W/VA. Pressure alternation Product code **173058**

Dimmer LED

3-35 W, 7-110 W/VA. Pressure alternation Product code **100274**

Universaldimmer LED

3-80 W, 7-200 W/VA. Pressure alternation Product code **100410**

Universaldimmer 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 installations 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. Duroplast 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 socket 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**



USB charging station

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

Product code **100876**



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**



Speaker wall socket WBT

Bakelite central insert. Speaker terminals from hi-fi specialist WBT in Essen. Product code **100737**

Speaker wall socket WBT nextgen™

Bakelite central insert. nextgen speaker terminals from hi-fi specialist WBT in Essen. Product code **100738**

* The rockers have integrated pigments that charge with energy when exposed to light and glow in the dark. They are free of radioactive substances, lead, cadmium and chrome pigments.



Single covering

Ø 82 mm. Suitable for all switches and outlets of the THPG Switch Series Bakelite. Product code **173063**

Single covering for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series Bakelite. Product code **174940**



External system covering

Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches and outlets of the THPG Switch Series Bakelite. Product code **173092**

External system covering for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series 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 Series Bakelite. Product code **173093**

System covering centre for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series Bakelite. Product code **173095**



Square single covering

82 x 82 mm. Suitable for all switches, rocker switches and outlets of the THPG Switch Series Bakelite. Product code **119328**

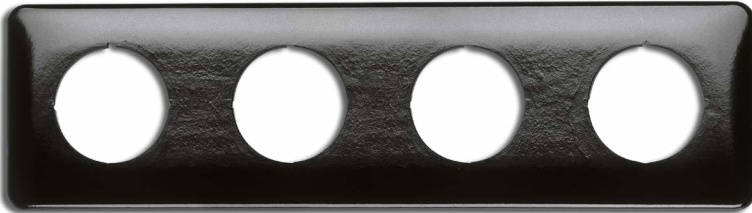
Square single covering for junction boxes/dimmers

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 Series Bakelite. Product code **173064**



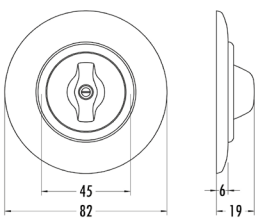
Quadruple covering

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

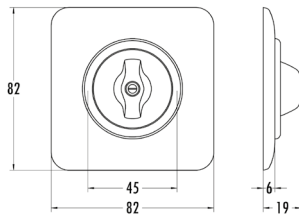
Triple covering

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

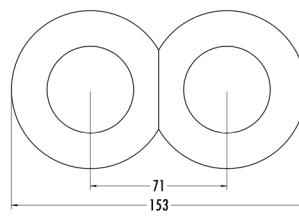
Dimensions and assembly (in mm)



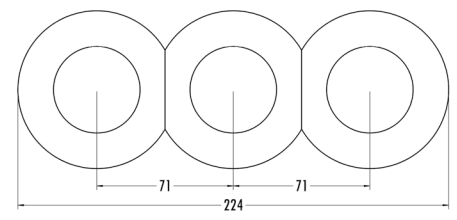
Rotary switch with single covering round



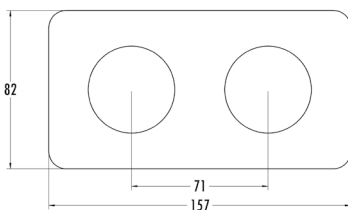
Rotary switch with single covering square



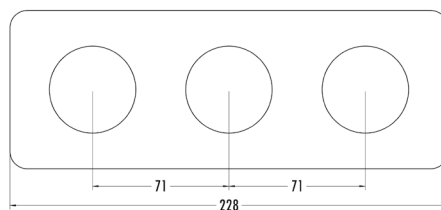
System cover with two covers



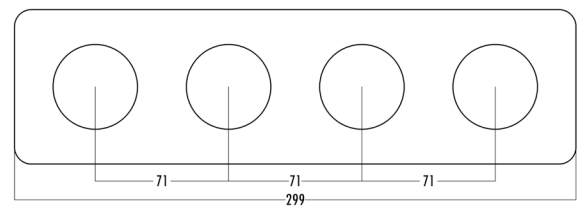
System cover with three covers



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.

Duroplast



Rotary switch

10 A, 10 AX, AC 250 V. Duroplast central insert and locking bolt. With spring mechanism.

Rotary switch alternation

Product code **186886**

Rotary switch crossbar

Product code **186887**

Rotary switch multicircuit

Product code **186885**

Rotary switch blind

Product code **186896**



Toggle switch

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

Toggle switch alternation

Product code **176405**

Toggle switch crossbar

Product code **176406**

Double toggle switch multi-circuit

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 crossbar

Product code **176430**

Rocker switch control

With Glow lamp

Product code **176407**

Rocker button

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

Product code **176408**

Rocker button, illuminated*

Product code **100981**



Rocker button light

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

Rocker button light

Product code **176409**

Rocker button light, illuminated*

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 symbol bell.

Rocker button bell

Product code **176410**

Rocker button bell, illuminated*

Product code **100983**



Rocker button door opener

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

Rocker button door opener,

Product code **176411**

Rocker button door opener, illuminated*

Product code **100984**



Dimmer

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

Dimmer light bulb

60-600 W/VA. Pressure alternation Product code **176413**

Dimmer LED

3-35 W, 7-110 W/VA. Pressure alternation. Product code **100308**

Universaldimmer LED

3-80 W, 7-200 W/VA. Pressure alternation. Product code **100412**

Universaldimmer PRO LED

3-160 W, 7-350 W/VA. Pressure alternation. Product code **100411**

Electronic potentiometer

AC 230 V ($\pm 10\%$), 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 out remote sensor. For installations in the floor. \varnothing 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 French version

16 A, AC 250 V. Duroplast central insert. With screw contacts.

French version. With Shutter.

Product code **184728**

Outlet with Shutter

16 A, AC 250 V. Duroplast central insert with shutter. With screw contacts.

Product code **180810**

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 socket 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**



USB charging station

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

Product code **100877**



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**



Speaker wall socket WBT

Duroplast central insert. Speaker terminals from hi-fi specialist WBT in Essen.

Product code **100739**

Speaker wall socket WBT nextgen™

Duroplast central insert. nextgen speaker terminals from hi-fi specialist WBT in Essen. Product code **100740**

* The rockers have integrated pigments that charge with energy when exposed to light and glow in the dark. They are free of radioactive substances, lead, cadmium and chrome pigments.



Single covering

Ø 82 mm. Suitable for all switches, rocker switches and outlets of the THPG Switch Series Duroplast.
Product code **176421**

Single covering for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series Duroplast.
Product code **181997**



External system covering

Ø 82 mm. For vertical and horizontal assembly. Suitable for all switches, rocker switches, and outlets of the THPG Switch Series Duroplast.
Product code **176425**

External system covering for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series 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 Series Duroplast.
Product code **176426**

System covering centre for junction boxes/dimmers

Suitable for junction boxes, dimmers, temperature controllers, clock thermostat and USB charging station of THPG Switch Series Duroplast.
Product code **176428**



Square single covering

82 x 82 mm. Suitable for all switches and outlets of the THPG Switch Series Duroplast.
Product code **119330**

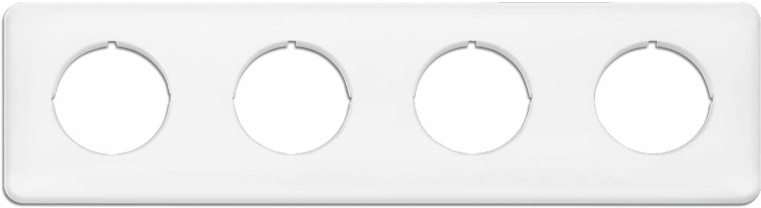
Square single covering for junction boxes/dimmers

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 Series Duroplast.
Product code **176422**



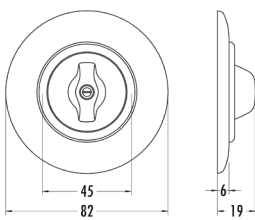
Quadruple covering

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

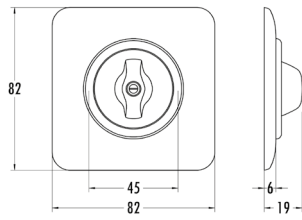
Triple covering

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

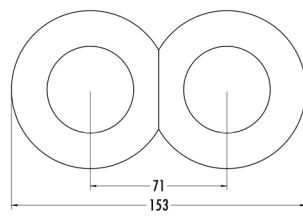
Dimensions and assembly (in mm)



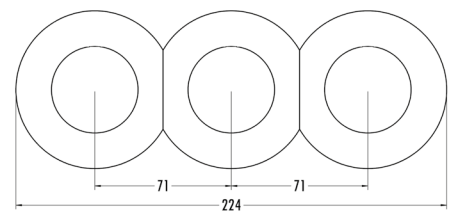
Rotary switch with single covering round



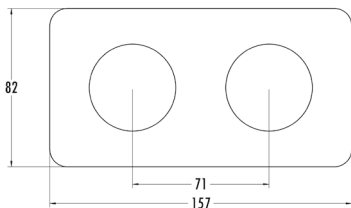
Rotary switch with single covering square



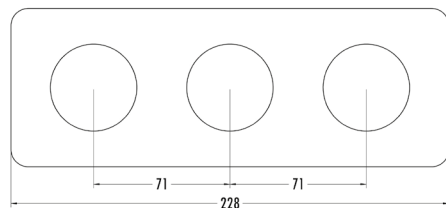
System cover with two covers



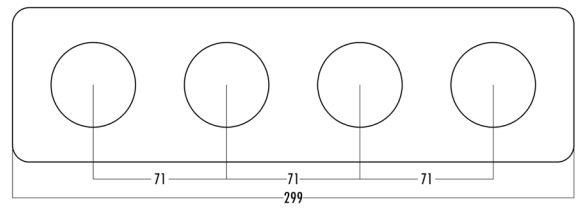
System cover with three covers



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.



Rotary switch white glass duroplast
Example of application
© Thomas Hoof Group

Series 3: A more discreet look. Bakelite and white glass.

In this series, the inserts are covered by almost 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 will be further reinforced if the wall covering is placed below the glass cover. This series also includes covers that place the switches above and below one another, but do not involve multiple covers. All of our glass parts come from one of the last remaining glassworks in the Upper Palatine Forest. The glass panes are four mm thick and thermally tempered. They offer superior transparency.



Switch Series White Glass Bakelite®.



Switch Series White Glass Duroplast.





Single covering full-surface

Ø 82 mm. For assembly of over-centre rotary switch white glass.
Product code **100610**

System covering centre full-surface

Ø 82 mm. For assembly of over-centre rotary switch white glass.
Product code **100608**

External system covering full-surface

Ø 82 mm. For vertical and horizontal assembly of over-centre rotary switch white glass.
Product code **100612**

Combine as you wish

The three individual covers for inserts with a central insert are compatible with all inserts of the Switch Series Bakelite and Duroplast.



Single covering

Ø 82 mm. For assembly of all components with central insert.
Product code **100609**

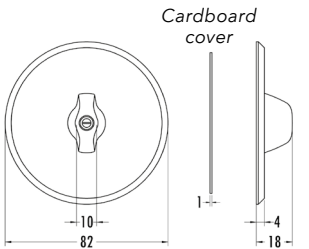
System covering centre

Ø 82 mm. For vertical and horizontal assembly of all components with central insert.
Product code **100611**

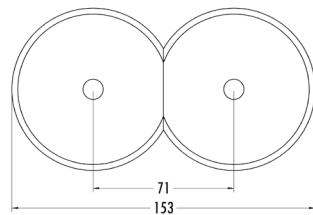
External system covering

Ø 82 mm. For vertical and horizontal assembly of all components with central insert.
Product code **100613**

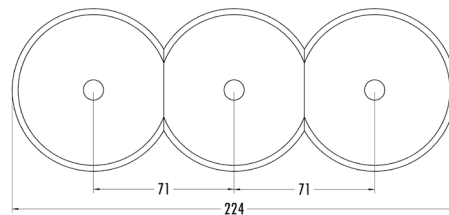
Dimensions and assembly (in mm)



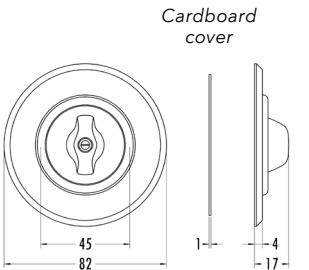
Rotary switch white glass with single covering full surface



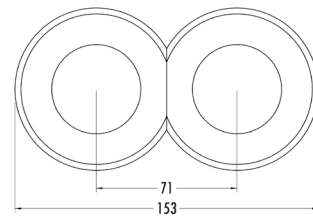
System covering full-surface with two covers



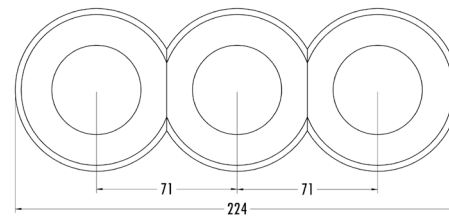
System covering full-surface with three covers



Rotary switch with single covering

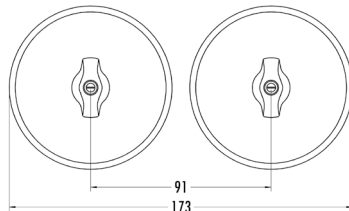


System cover with two covers for central insert

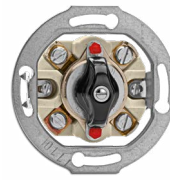


System cover with three covers for central insert

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 without any problems. The Glass switch system of course fits into the commercially available, standardised flush-mounted boxes (e.g. from Kaiser).



Rotary switch white glass bakelite®

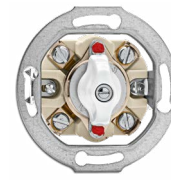
10 A, 10 AX, AC 250 V. Without central insert. Bakelite locking bolt. With spring mechanism.

Rotary switch alternation
Product code **100641**

Rotary switch crossbar
Product code **100642**

Rotary switch multicircuit
Product code **100643**

Rotary switch blind
Product code **100644**



Rotary switch white glass duroplast

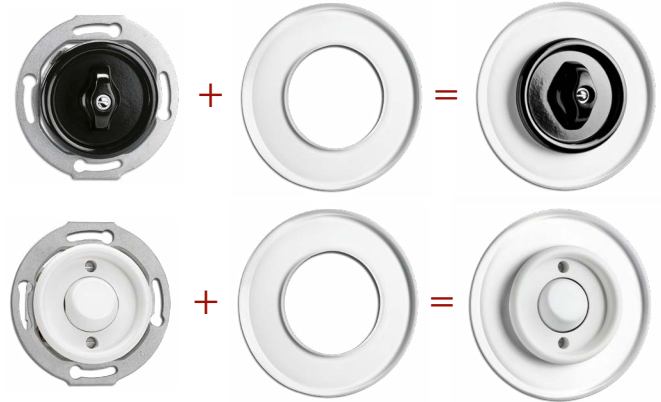
10 A, 10 AX, AC 250 V. Without central insert. Duroplast locking bolt. With spring mechanism.

Rotary switch alternation
Product code **100666**

Rotary switch crossbar
Product code **100667**

Rotary switch multicircuit
Product code **100668**

Rotary switch blind
Product code **100669**





Surface-mounted rotary switch duroplast white
Ernst-May-Haus, Frankfurt
<https://ernst-may-gesellschaft.de/mayhaus/musterhaus>

Series 4: See how it works.

Surface-mounted switches made of Bakelite®.

Installing electrical wiring and switches on wall surfaces is by far the most economical means, of course, which is also why this is the most common type of installation in workshops. It eliminates the need to chase out the walls and allows for easy inspection, repairs, and expansion of the system itself and its wiring network. It is also a good option wherever installation on the wall surface is advisable or required for structural reasons (historical preservation, wood beams, concrete, etc.), whether the wiring itself is also installed on or inside the wall. Two small drill holes are all it takes to ensure a firm hold. Taking their shape from classics in their

genre, all of the parts of our surface-mounted series comply with current technical standards and safety regulations. The sturdy, 2.5-millimetre housings made of black bakelite are moulded in a single piece and provide sufficient protection for the electrical components underneath. Openings on the sides allow wiring to pass through. The back of the housing is open. For the mechanical parts, we rely on the same proven components that are used for the other switch series. Here, as in the other switches, the ceramic switch action ensures uniform switch contact that is gentle on the materials.

Surface-mounted Bakelite®.



Rotary switch

10 A, 10 AX, AC 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 53 mm. Housing and toggle made of bakelite. With spring mechanism.

Rotary switch alternation

Product code **186892**

Rotary switch crossbar

Product code **186893**

Rotary switch multicircuit

Product code **186891**



Toggle switch

10 A, 10 AX, 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 49 mm. Housing and toggle made of bakelite.

Toggle switch alternation

Product code **184198**

Toggle switch crossbar

Product code **184207**



Outlet

16 A, AC 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 49 mm. Housing and toggle made of bakelite. With shutter. With screw contacts.

Product code **184200**

Outlet French version

With Shutter (French version).
Product code **100063**

Outlet Swiss version Type 13

Product code **101118**



Base plate

Ø 62 mm. Made of bakelite. Required for assembly on flammable substrates and recommended for uneven surfaces.

Product code **184619**

Surface-mounted Duroplast.



Rotary switch

10 A, 10 AX, AC 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 53 mm. Housing and toggle made of Duroplast. With spring mechanism.

Rotary switch alternation

Product code **186889**

Rotary switch crossbar

Product code **186890**

Rotary switch multicircuit

Product code **186888**



Toggle switch

10 A, 10 AX, 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 49 mm. Housing and toggle made of Duroplast.

Toggle switch alternation

Product code **184197**

Toggle switch crossbar

Product code **184206**



Outlet

16 A, AC 250 V, IP20.
Ø 62 mm. Height above plaster including toggle 49 mm. Housing and toggle made of Duroplast. With shutter. With screw contacts.

Product code **184199**

Outlet French version

With Shutter (French version).
Product code **100062**

Outlet Swiss version Type 13

Product code **101117**

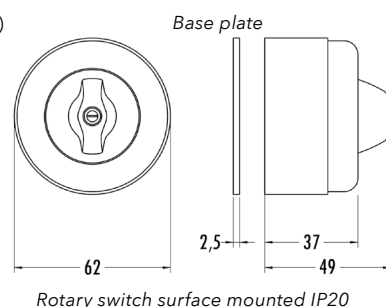


Base plate

Ø 62 mm. Made of Duroplast. Required for assembly on flammable substrates and recommended for uneven surfaces.

Product code **184642**

Dimensions and assembly (in mm)



IP20: Protected against foreign bodies > 12.5 mm.
No protection against water.



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

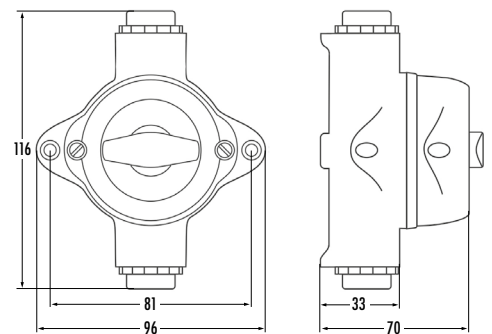
Series 5: The toughest of the tough: “Die Dickhäuter.” For humid environments and outdoor use. Moisture-proof Bakelite® switches. IP44.

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 presence alone. Truly the toughest of the tough. 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-millimetre Bakelite, with a switching mechanism that makes a satisfying and authentic sound.



Dimensions and assembly (in mm)



Rotary switch alternation moisture-proof passage

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 switch made of bakelite with a single lateral input.

Product code **100831**

Rotary switch crossbar 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 switch made of bakelite toggle with opposite input and output.

Product code **100832**

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



Outlet moisture-proof
16 A, AC 250 V, IP44. 96 x 85 mm. Height above surface 70 mm. Two-part case and lid made of bakelite with a single lateral 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**

Outlet moisture-proof double input
16 A, AC 250 V, IP44. 96 x 85 mm. Height above surface 70 mm. Two-part case and lid made of bakelite with adjacent in- and outputs. With integrated shutter. With screw contacts. IP44 with sealed lid, IP20 with plug inserted.

Product code **100830**

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

Outlet moisture-proof passage
16 A, AC 250 V, IP44. 96 x 116 mm. Height above surface 70 mm. Two-part case and lid made of bakelite with non-adjacent in- and outputs. With integrated shutter. With screw contacts. IP44 with sealed lid, IP20 with plug inserted.

Product code **100829**

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

Previously unavailable: 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 company Voka, probably the last remaining German manufacturer of textile cables, in Vogtland. They are suitable for both indoor and wet areas.

Surface-mounted line textile

Textile-sheathed, halogen-free NHXMH cable. Suitable for both indoor and wet areas. Flame-retardant. We offer the cable in any length.

5 x 1.5 mm²
5 x 2.5 mm²

Product code **100834**
Product code **100294**



And the cable clamps...

Matching cable clamps made of black plastic are also available.

Two-part. For fixing and steering the cable along the wall.

Cable clamps

For cables 10-17 mm. Length 3.5 cm, width 1.5 cm, height 2.4 cm, weight 10 g.

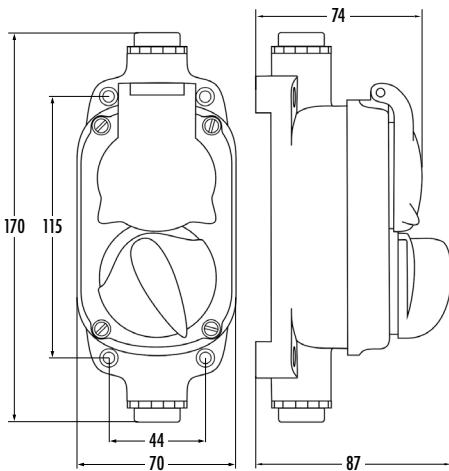
5 piece
20 piece

Product code **100825**
Product code **100826**

Garage outlet.

Electricity supply is only possible when the outlet is locked (rotary switch in position I); the plug can only be pulled out in position 0. This outlet was originally designed for use in rooms such as garages and cellars and on building sites in order to avoid the danger of explosions related to possible flying sparks when a plug is pulled out. The casing is surface-mounted and is secured by four screw fittings on the sides. Cable inlet on surface.

Dimensions and assembly (in mm)



Garage outlet surface-mounted
2-pin. 16 A, AC 250 V, IP20.
70 x 170 mm, Height above surface 87 mm. Case and lid made of Bakelite®. With screw contacts.
Product code **100295**

Junction box.

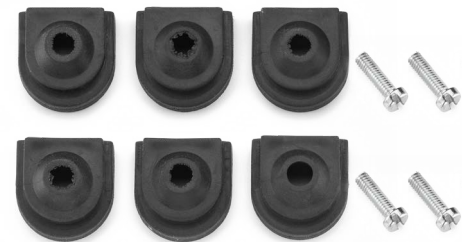
Fortunately, we were able to find the tool for this model, which must surely be more than 60 years old. After undergoing restoration and appropriate VDE testing, this junction box now fills a gap in our surface-mounted range and rounds it out with a most attractive and also functional design. Bakelite housing in black with six knockout entries featuring rubber gaskets for various installation options.

Junction box moisture-proof

AC 400 V. For cables up to 4 x 2.5 mm. 95 x 95 x 45 mm. Weight 140 g. IP44.

Bakelite Product code **100922**

Duroplast Product code **100923**



Our bells.

A small selection of functionally and electrotechnically solid chimes with Bakelite® housing based on historical models from the 1960s.



Doorbell bakelite black

Round bell push button 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 pusher

Round bell push 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**

Sounds nicer. Is better. Our clapper bell.



Bell with electric ringing from the 1960s, in which a bakelite housing hides a neat electrical engineering and mechanics. These melodious items should not be connected to a power line, but to a bell wire with 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**

Where to buy

Our switch series are available from our domestic and foreign 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.

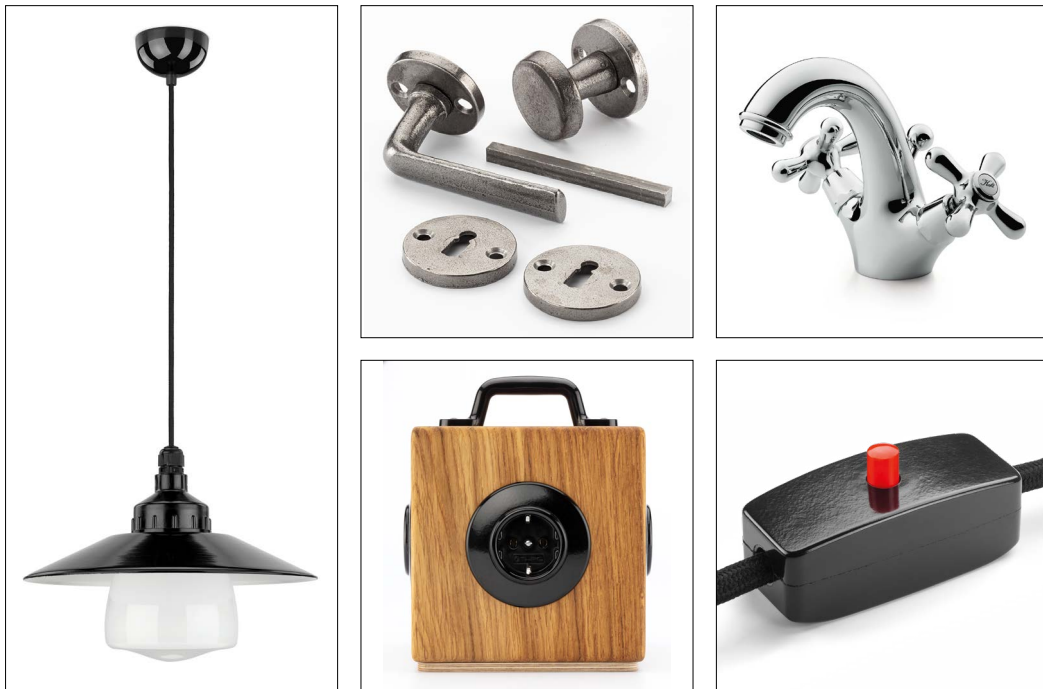
We can also give you the name of an electrician in your area who has worked with our systems in the past.

You can call us Mondays to Fridays during office hours from 8 a.m. to 5 p.m. at +49 2591 2590-210. Or visit us online at www.thpg.de

Our references.



What **else** we do.



www.thpg.de



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