

# Touch@Glass

smart switches



Working great.  
Looking great.

# Touch@Glass

smart switches

# SWITCHES BOTH SMART AND BEAUTIFUL? YES, WE CAN!

This intelligent electro-installation system Tecomat Foxtrot will transform your home into a smart, thrifty, and fun companion. It manages loads while hiding discreetly in the background. Only the beautiful switches on the wall reveal its presence.

Together, we will choose switches that will be

- easy to use
- reliable
- stylish

Handpick your switches from our wide range of variants or create your own design.  
The possibilities are endless.

Enter the world of Touch@Glass smart touch switches.



# THE CHANGE IS IN YOUR HANDS

We will program your smart switches to match your personal needs and wishes precisely. And when you enter the new stage in your life and your preferences change?

No need to worry that your needs might change in time!

We are happy to help you **adjust the setup and design of your switches anytime** the need arises.

Repeatedly.  
Remotely.  
The possibilities are endless.

You can change both the **design and the functionalities** on your own. Simply swap the current glass cover with a new one — that easy.

\* You can, but don't have to. Our professional service and consulting are always at hand.



## EASY AND INTUITIVE CONTROL

**It's important you and your switches understand each other.**

We will help you choose such symbols that will make that happen. They will tell you instantly what you are about to do. Without hesitation.

*What if none of the symbols we offer speaks to you?*

*We will create bespoke ones just for you.*





## DETAILS WHICH BRING THAT LITTLE EXTRA

Imagine you are coming home late at night. Fortunately, the icons on the glass panel are backlit so that you find your way around easily.

Do you seek absolute certainty? We will create your front covers with clear **recess** over the icons.

Not a fan of light smog? You can set up the backlight intensity so that it feels pleasant to you.

How can you tell what appliances are switched on at the moment?

You will **choose the backlight colour for each button**.

Think of it as traffic lights — the red indicates the appliance is off, the green means on.

The beauty is in simplicity.



## VARIETY OF STYLE AND COLOUR

You can choose from a range of collections that reflect various styles.

- Elegant black-and-white palette
- Vivid colours
- Touch of nature with wood design
- Cool beauty of metal
- Sleek stone

Do you need more? Are there details you would like to touch up personally?

We will create a **bespoke design** just for you.

- Changing the colours of your pattern of choice.
- Adjusting the size of the symbols.

And there is more. We will simply match the look of the switches to your personal preferences.

**No need to compromise.**





## FAMILY HOMES AND APARTMENT HOUSES

With Touch@Glass switches, everything in your house will be conveniently at hand.

You'll be able to operate lights, blinds, front gates, and even pool-water temperature from the same place.

Do you wish to give several commands by pressing one button only?

No problem — the Scene functionality does just that. Press that one button and, magically, dim the lights in the living room, set the mood with intimate red mode, pull down the blinds, and immerse yourself in the music coming from your sound system.

Imagination has no limits, and possibilities are endless...

We will configure the buttons on your switches at your convenience

- Choose from dozens of symbols to make sure you and your switches see eye to eye.
- Symbols can be accompanied by captions.
- Should you have a special wish, we will create bespoke symbols for you.
- You can choose the backlight colour for each button on your control panel.







## HOTELS AND GUEST HOUSES

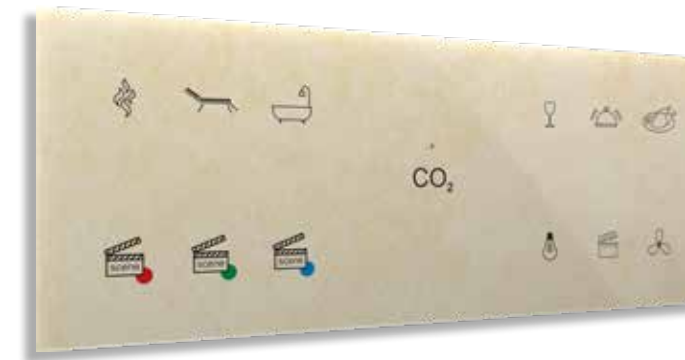
We will help you create an environment that you can operate from one place. Your guests will feel pampered and nurtured.

### Sophisticated style

- Our switches will **complement the room atmosphere** — no more rows of unsightly buttons on the wall.
- We can easily place a text on the switch — how about your logo?
- The switches also serve as **card readers**.

### Reliable operation

- You can easily **control the occupancy** of the bedrooms, spa, or pool.
- You will **save money** by setting the heating and lights according to the zones and the room occupancy.
- Thanks to the **CO<sub>2</sub> sensor**, you and your guests will always breathe fresh air.



## ADMINISTRATIVE CENTRES AND BUSINESS PARKS

Do you seek convenient facilities for your company? Do you rent out administrative premises where each client comes in with plenty of unique demands?

We understand that requirements often vary. And we provide workable solutions.

- No matter what layout, the **switches blend naturally**, even in the most unusual spaces.
- Anyone understands the **intuitive** controls quickly.
- We will **affix** your logo to the switches on (not only) the representative premises.
- You can **change the design and functionalities of the switches** easily — all you need to do is swap the front cover.
- Breathe the fresh air thank to the **CO<sub>2</sub> sensor**.





## CONGRESS CENTRES AND OTHER MEETING VENUES

All your guests need to do is to prepare their appearance or lecture. You take care of the rest — the right lighting, temperature, fresh air, you name it. Anything that will enhance your guests' experience.

- Define the settings ahead and then, just by pressing one button, activate impressive lighting scenarios.
- Control the complex shading technology from one place.
- Rest assured that you breathe fresh air at all times — the CO<sub>2</sub> sensor is incorporated in the air con.
- The switches next to each guest's seat also serve as elegant voting machines.





## SPAS AND POOLS

The great calm, relaxation, and comfort — something both you and your guests experience in your wellness centre. The switches will help you set the idyllic atmosphere and effects for the precious moments of peace while hiding discreetly in the background.

### Reliability and safety

- Due to the elaborate design, you can easily operate the switches in dim light or complete darkness even.
- Fancy a starry sky, fireworks, or luminary waterfalls? We will adjust the special effects to your wishes and criteria.
- The switches work seamlessly even in harsh conditions — they are moisture-proof, and the electro-installation is utterly safe.

### Comfort and relaxation

Your guests are here to unwind. And that's what you'll give them.

Straight from the relaxing bath, they can choose their favourite music, switch on the water jets or adjust the lighting.

On your way out, you'll switch everything off — with one button only.

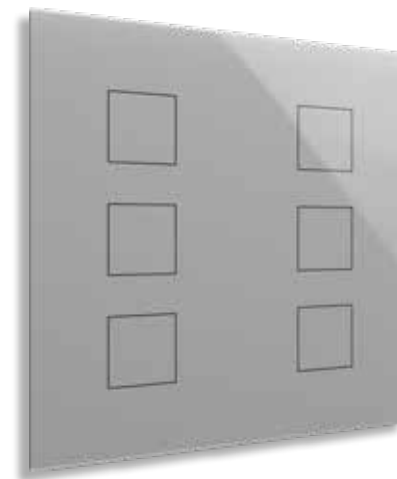


## BLACK & WHITE

### The elegant monochrome spectrum

Black, white, and all the shades of grey in between have always represented timeless minimalism of which you'll never get tired.

Are you looking for unobtrusive luxury? Coco Chanel's favourite colour scheme is your go-to option.







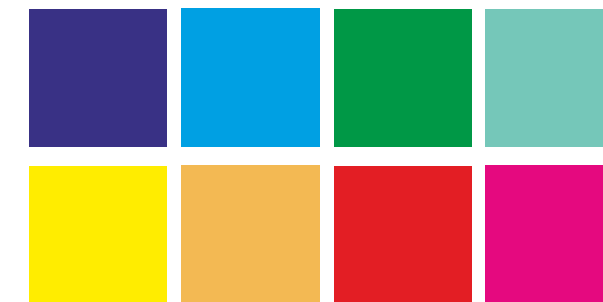
## INTENSE

### Juicy colours to light up your interior

Do you look for an outstanding accessory to your otherwise demure space?

Or is an eclectic boho style more up your alley?

Pick out from a wide range of vivid colours those that best reflect your style. Is it going to be passionate red, calming green, or tender pastels? It's your choice.





# NATURA

## The cozy effect of wood

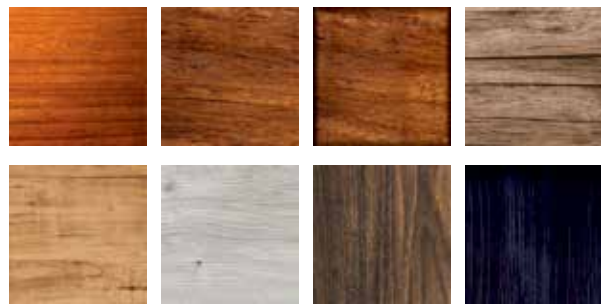
There is no more traditional material than wood — it has always given homes that grounded feel. The Natura collection combines the touch of nature with top-notch technology and comes in two unique variants.

### The Wood behind Glass design

The practical character of glass meets the beautiful lineation of wood. You can choose which wood design best complements your interior.

### Touch@Glass smart switch made of natural wood

We managed to dress the top technology in natural solid-beech cover. We will impregnate it so that the shade matches the colour scheme of your home



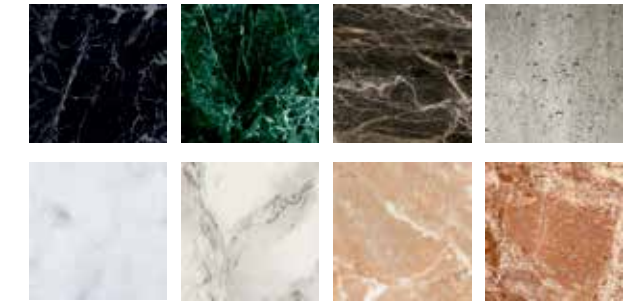


# MARBLE

## The exquisite grandeur

Stone has always given the impression of **luxury and timelessness** — be it marble statues in a royal palace, obsidian window sills, or granite basins on a lavender farm in Provence.

Choose from a **wide range of stone designs**. We are ready to precisely adjust the vividness of colour and brightness of all our switches to suit your personal preferences.





# METAL

## The noble beauty

If it's the elegant, minimalistic design you are after, metal is the material of choice for you.

You can choose

- From a range of patterns
- Between polished and unpolished structures
- The shade to complement your interior design best





# CREATIVITY

## Your own design

The sky is the limit...

Do you have a unique idea? Let's breathe life into it together!

*We can create switches of any design.*

- Your original themes
- Children's doodles
- Holiday photographs

You are welcome to get inspired by our designs or create your own from scratch.



## TOUCH@GLASS — GET INSPIRED



### GENUINE WOOD

Modern technologies come hand in hand with natural wood.

We can impregnate the solid-beech control panel so that the shade best complements your home.



### GRAPHIC DISPLAY

More colours to choose from, and more space.

Apart from figures, you can also display symbols, graphic features, and messages on this Touch@Glass smart switch.



### SMART THERMOSTAT

Manage the thermal comfort with a smart touch switch.

With your smart electro-installation, set up and control the room heating with just one touch on your Touch@Glass switch.



### TOUCH@GLASS MADE-TO-MEASURE

We will make your wishes come true.

Your switches can come in non-standard shapes and designs as well. Do you fancy the styles we ship to customers in the USA or Mexico? You can have them. And more.

# ICONS & SYMBOLS

## Operating our smart switches is easy.

To understand your smart switch instantly, we offer hundreds of icons.

You personally choose what symbol you use to control heating, lighting, and security.

Or to switch on the pre-set scenes such as leaving the house or watching home cinema.

## Haven't you found what you were looking for?

If you have trouble picking out one of our icons, we will gladly design and create custom-made symbols or captions to best suit your needs.



# CHARACTERISTICS



Durable — even in harsh conditions



Easy to maintain and clean



Antibacterial surface



Beautiful vivid colour-fast palettes



Mould resistant



Scratch resistant



Hygienic

We use materials with exquisite characteristics to create all the Touch@Glass switches.

Because of that, they will serve you for long years to come.



# TECHNICAL SPECIFICATIONS

Touch@Glass smart touch switches are designed for Tecomat Foxtrot intelligent building control systems manufactured by TECO a.s. (conencted via CIB Common Installation Bus®), and powered by 24V DC.

In combination with Tecomat Foxtrot, you can use the switch as a room thermostat as well. It's utterly up to you.

## Improved switch design

The Touch@Glass switch module is compact and fits firmly in the wiring box. The front glass panel is attached with magnets.

The fastening is reliable. You can easily take off the panel and swap it for another without a technician's help — whether you desire to upgrade the design, change symbols, or expand the functionalities of the switch.

The attachment of the glass front cover can be secured with a bolt to prevent theft (e.g., in administrative buildings).

## Display

You can easily **adjust the illumination intensity of the display**. It can be switched off entirely and only turned on for the necessary amount of time — when you touch the symbol on the glass panel, for example.

- With the segmented display come blue and white backlights.
- Conversely, the monochrome point display can show **extended text notifications, figures, and advanced graphic design**. We offer this display in several colours.

## Backlit symbols

The symbol backlight on the glass front panel indicates the status (on/off), the symbol touchpoint, or just helps you find your way around in dim light.

- You can **adjust the backlight intensity** to bring about the most enjoyable lighting and enhance your comfort — for example, in the bedroom-at-night scene.
- Apart from the **blue backlight**, you can now choose **red and green** as well. Each module can be backlit in a different colour.

## Extensions

Each Touch@Glass switch is equipped with a two-state output to switch voltages up to 24V and currents up to 3A — to control the thermostatic valve, for example.

In addition, it is equipped with two Analog/Binary inputs. They can be used to connect window and door sensors, or a floor temperature sensor to allow a more precise control.









## Other features

Standard Touch@Glass switches are equipped with **integrated room temperature and humidity sensors**. They can be complemented with a display indicating, e.g., the temperature, humidity, lighting intensity, or CO<sub>2</sub> content (max. one display per one Touch@Glass switch module).

An **RFID card reader** or a CO<sub>2</sub> sensor can also be a part of the smart switch. Just bear in mind when planning the electro-installation; the card reader or CO<sub>2</sub> sensor takes up one whole module each.

Touch@Glass switches can be installed in standard electrical wiring boxes with a screw pitch of 68 mm. The minimum depth of the wiring box for Touch@Glass switches is 25 mm.

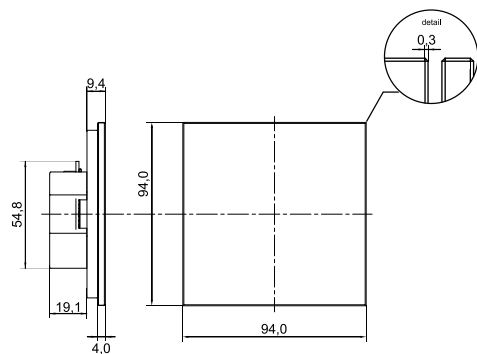
The number of boxes required to be installed corresponds with the number of modules (see table on p. 38).

Touch@Glass switch	Dimensions in mm	Nr. of modules	Nr. of buttons	Nr. of displays	Recesses	Temperature sensor	Humidity sensor	CO <sub>2</sub> sensor	RFID reader
	80 × 120	1	4	max 1	no	integrated	integrated	no	no
	80 × 120	1	6	max 1	no	integrated	integrated	no	no
	94 × 94	1	6	max 1	yes / no	integrated	integrated	optional	optional
 	94 × 94	1	–	–	no	–	–	separate CO <sub>2</sub> wall sensor	separate RFID reader
	165 × 94	2	12	max 2	yes / no	integrated	integrated	optional	optional
	236 × 94	3	18	max 3	no	integrated	integrated	optional	optional
	307 × 94	4	24	max 4	no	integrated	integrated	optional	optional

\*Images are illustrative only

## Touch@Glass smart switch

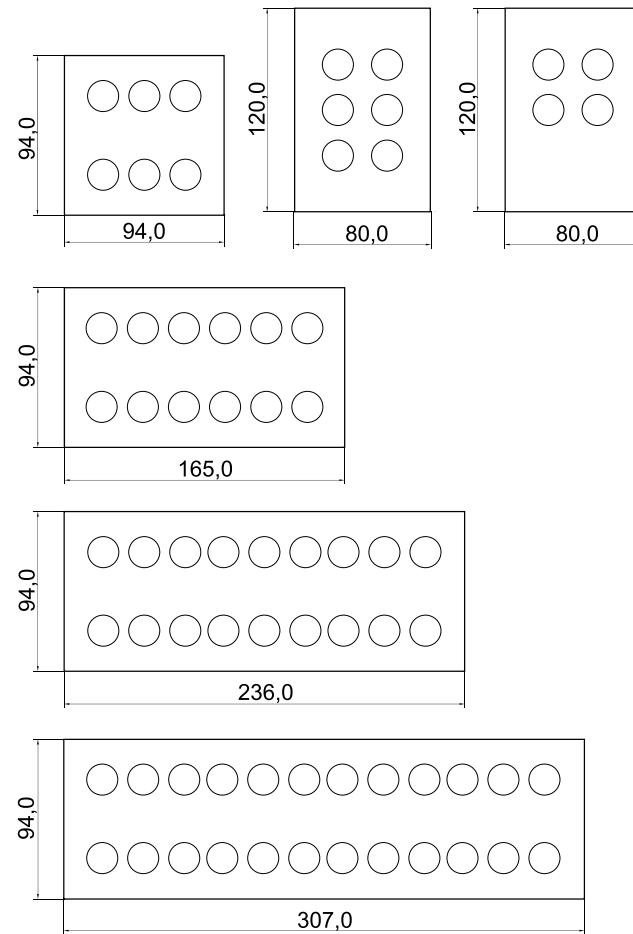
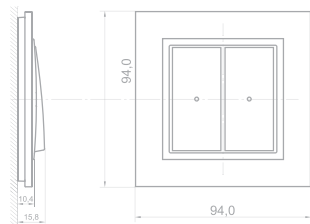
- Can be positioned both horizontally and vertically
- Circles indicate touch points
- Recesses available for the dimensions of 94 × 94 mm and 165 × 94 mm



### Mechanical switch — for comparison

frame + plate

frame



## ABOUT THE SYSTEMS TECOMAT FOXTROT

Home & Building automation system Tecomat Foxtrot enables you to control everything in your house and building that can be controlled by electric energy and simultaneously this control automated in such a way that the comfort of your living will increase significantly.

For consulting, design, implementation and after-sales care please contact authorised installers at [www.controlyourhouse.com](http://www.controlyourhouse.com)

## ABOUT TECO a.s. AND TOUCH@GLASS

Teco a.s. is the Czech manufacturer of control systems for industry automation, building automation, smart homes and many more with tradition since 1919. We deliver our products to more than 70 countries worldwide and they are simply famous for their quality, heavy-duty features and above standard life cycle.

You can find them successfully working in the tens thousands projects from the Karlstejn Kastle (Czech National Heritage) via desert technologies and the Antarctica to the USA. In private houses, large residences, hotels, commercial buildings and factories.

At many demanding projects we have got large experiences and precised all details. And found out that unique solutions need unique touch controllers – smart switches. Tailor-made touch switches designed according to every single customer needs. With tailor-made functions, fitting every single need at single place in the building or house.

Touch@Glass wall switches are manufactured together with Micronic Prerov company and are available exclusively in the Teco authorised dealers and installers distribution network.

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