

sateco°

Translucent Backlight Window STC-TR.

Maximum Light Transmission
with 100% Light Isolation.



PROVIDES PERFECT LIGHT TRANSMISSION FOR BACKLIGHTING. THE TRANSLUCENT BACKLIGHT WINDOW STC-TR.

The **STC-TR** can be integrated into chimneys as well as metal dome keypads. It is made from a specially formulated silicone compound with optimum light transmission properties. Thanks to this special material formulation it endures extremely high and low temperatures as well as humidity without any impact on light transmission levels. The high strength of the bonding between the window and chimney eliminates the risk of detachment of the window and guarantees 100% resistance to water ingress.



COST SAVINGS, LIGHTING IS DIRECTED ONLY WHERE IT IS INTENDED.

Powerful backlighting

Compared to the pigmented window the new translucent window features a significant higher light transmission with nearly no light loss. This results in a **clearly stronger backlight, reduces LED costs and saves energy.**

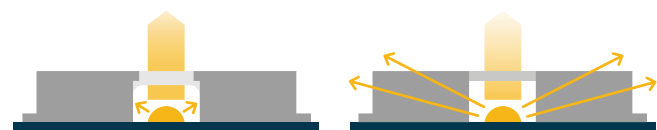


New TR Window
approx. 94% light transmission

Pigmented Window
approx. 50% light transmission

100% light isolation and maximal backlighting

The specially formulated silicone compound and the new manufacturing process guarantee **absolute light isolation** and optimal backlighting. Compromises between light isolation and transmission as well as light leakages in areas such as steering wheel controls or centre console switches become a thing of the past.



New TR Window
100% light isolation

Pigmented Window



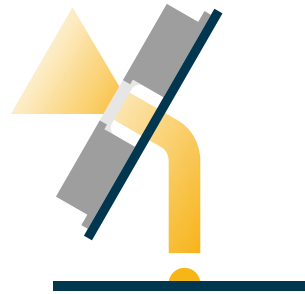
Homogeneous backlighting

Thanks to the homogeneous backlighting across the entire switch, there is **no requirement for light adjustment on each single window necessary.**



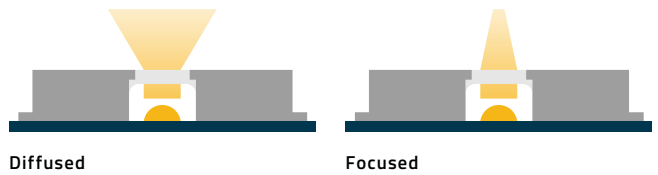
New sophisticated housing designs

Thanks to superior light transmission the Translucent Backlight Window is suitable **for challenging designs such as angled and long light pipes and thus opens up new application opportunities.**



Various ranges of backlighting

With the Translucent Backlight Window both diffused and focused backlighting angles are achievable. This **ensures precise backlighting** of both wide or small icons.



100% watertightness

The Translucent Backlight Window protects and seals the PCB against fluid ingress. This significantly **increases the operational safety of the switches.**



WHICH COLOR DO YOU PREFER?

Every keypad color possible

Free choice of keypad color enables new design concepts for visible parts. Auto assembly lines with vision systems can precisely detect keypads with different colors and thus raise process reliability.





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