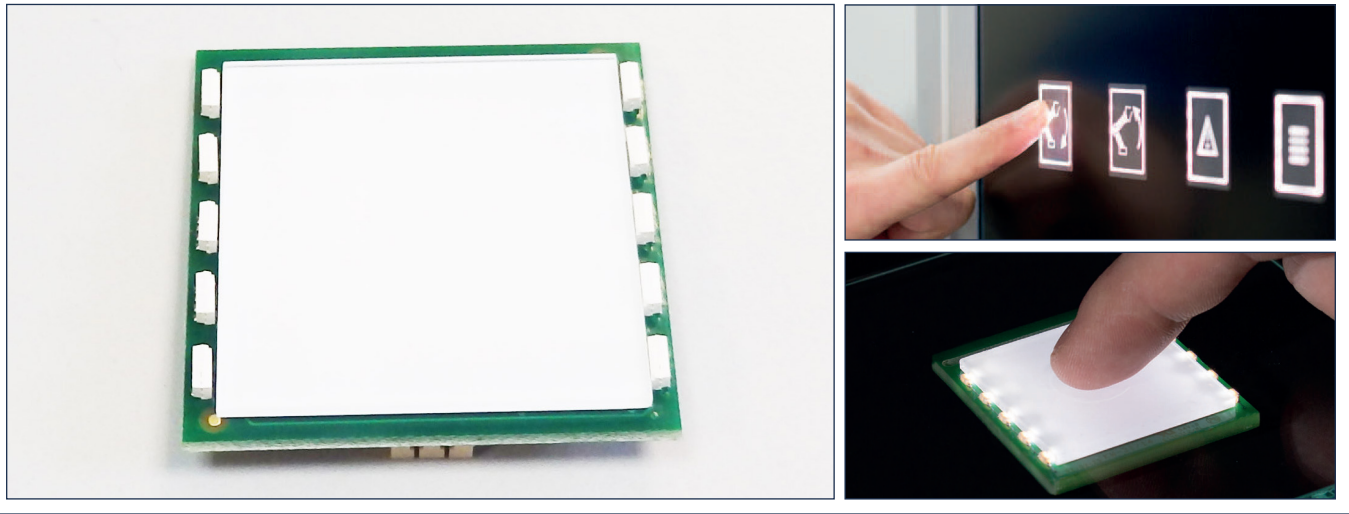




### TKR-Smart\_001-PCB-NO



#### PRODUCT FEATURES

- Available as illuminated or non-illuminated version
- Can be operated by light touch
- Pushbutton works wear-free, as there are no moving parts
- Function control by means of integrated microcontroller
- Switching output characteristics is adjustable by firmware
- Maximum front glass thickness is 6 mm glass or 3 mm plastic screen
- Flat design
- Two different output types can be provided by means of variable components between
  - default: potential-free contact
  - on request: Open Collector

- CE-conform according to EN 50581:2013
- Cable included

#### ADDITIONALLY FOR THE ILLUMINATED BUTTON

- The button-light is dimmed in standby mode
- The active mode is indicated by change the lighting brightness
- RGB-LED lighting colour is adjustable by firmware

#### INSTALLATION INSTRUCTIONS

- Remove protective paper
- Clean and degrease adhesive surface with isopropanol
- Bring the surfaces to be bonded together and bond without bubbles

#### SPECIFICATION

Outside dimensions: 40 x 40 x 9 mm  
 Diffuser dimensions (effective area): 35 x 35 mm  
 Power supply: 5 V; max. 200 mA  
 Switchable via potential-free contact:  
 - max. voltage <42 V DC  
 - max. current 100 mA  
 Operating temperature: 0 °C to +70 °C  
 Storage temperature: -25 °C to +80 °C  
 Weight: max. 12 g

Response time: 10 ms  
 Release time: 200 ms

#### ADDITIONALLY FOR THE ILLUMINATED BUTTON

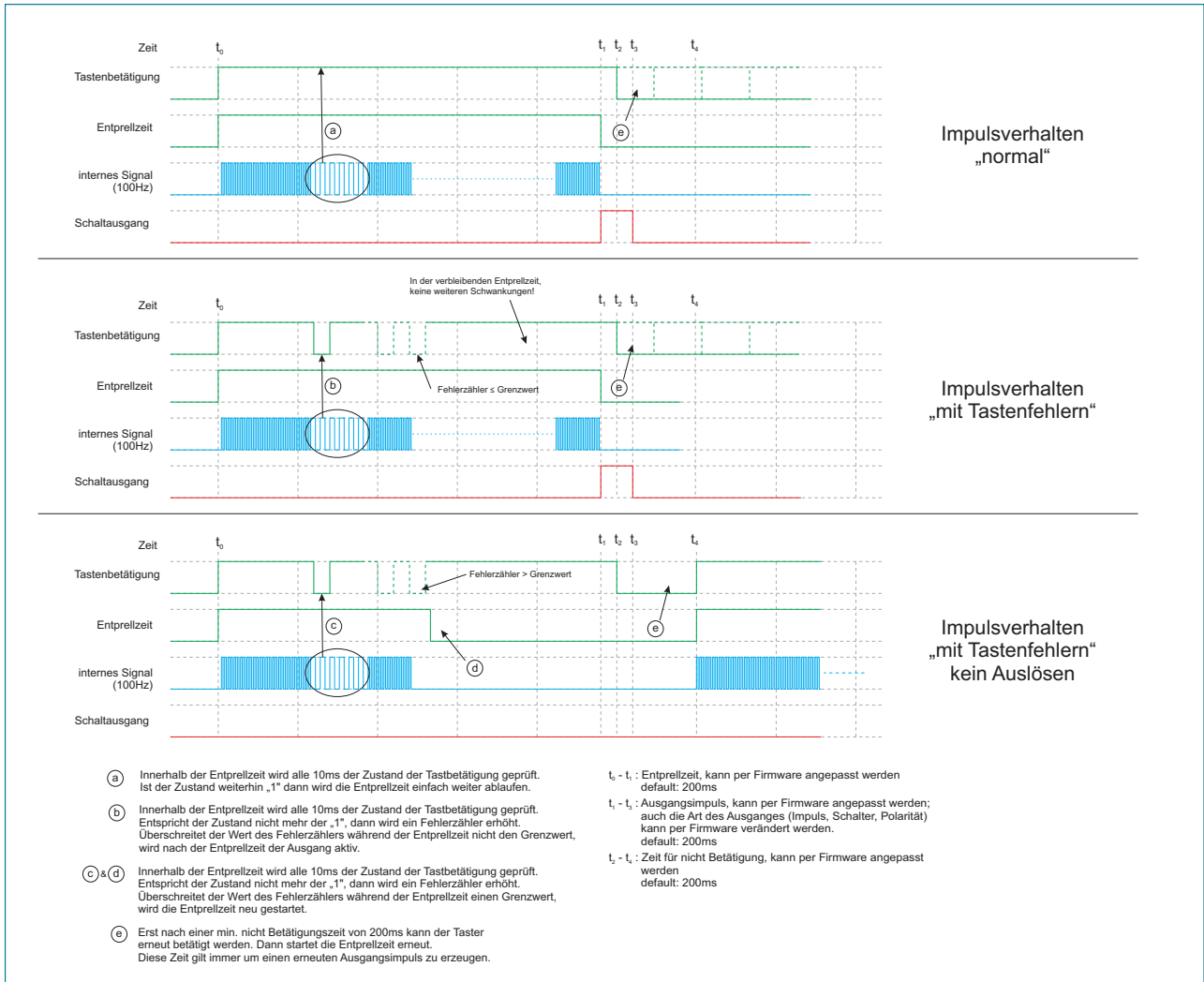
LED brightness:  
 - Standby mode: dimmed (guidance light)  
 - Active mode: full brightness  
 Default LED colour: white (configurable)  
 Lighting type: planar with RGB LEDs

Art.No.	Product name	Output	Illumination	PU (pcs.)
KR29000	TKR-Smart-001-PCB-NO-PF-RGB-001	potential-free contact	yes	5
KR29001	TKR-Smart-001-PCB-NO-PF-none-002	potential-free contact	no	5
	----- upon request -----	Open collector	yes	5
	----- upon request -----	Open collector	no	5

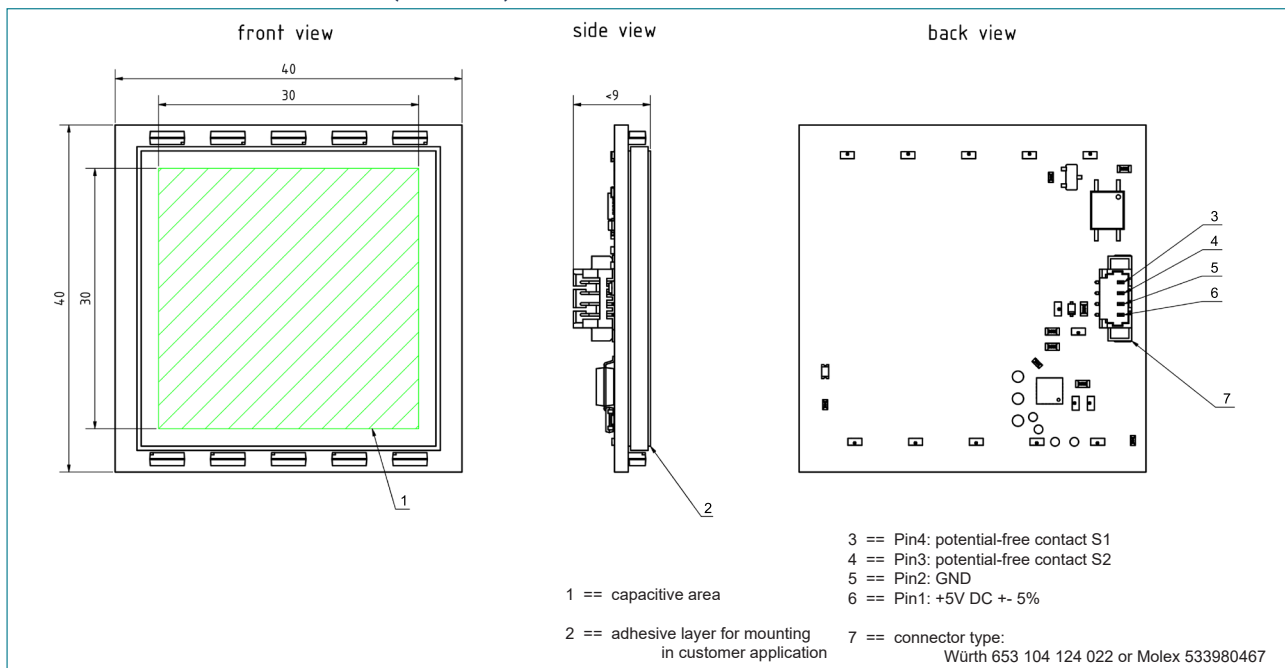
Subject to modifications and errors



### ILLUSTRATION OF THE SWITCHING CHARACTERISTICS



### TECHNICAL DRAWING (in mm)



Subject to modifications and errors