

RF 15, silver, full illumination, 2,9^{±0,6} N, lamp yellow, bezel yellow, 1 NO



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Automotive
- > Electro-medical

special features

- > Silver contacts, reliable switching with medium currents
- > Optional: spot illumination or full illumination
- > Key grid 19.05 mm
- Overall height: 9.7 mm or 12.5 mm with keycap
- > Terminal technology: THT

CE

description

The RF 15 silver tactile switches have a 15 x 15 mm edge length, reliable silver contacts and a noticeable click. They are used in flat data entry keyboards under overlays or under keycaps, such as RAFI RK 90 keycaps.

Flat data entry keyboards with RF 15 elements should be constructed in a 19.05 mm grid. With this grid, strips of glue remain between the individual keys on the front panel. The overlay, which we recommend embossing above the key switches, can be glued onto these strips of glue.

RF 15, mit Silber-Kontakten, vollflächige Ausleuchtung der Blende zur Ausleuchtung von Fenstern in der Dekorfolie, bzw. transparenten Tastenkappen RK 90.

technical data

>	general		
	illuminated	Yes	direct links
	Bezel color	yellow	> RAFI eCatalog
	Luminous element color	yellow	
	Operating temperature, min.	-25 °C	
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-25 °C	
	Storage temperature, max.	70 °C	
	Luminous elements	Full illumination 2 LEDs	
	Soldering time for manual	5 sec	
	soldering, max.		
	Soldering temperature for manual	350 °C	
	soldering		
	Soldering temperature for wave	260 °C	
	soldering		

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date: Nov 17, 2020 page: 1/3

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Soldering Manual / wave

Packaging Tube 32 pcs. Packaging unit net weight 2.8 g standard delivery time 3 weeks

Operating life 1,000,000 Cycles B10 1,300,000 Cycles

RoHS compliant Yes **REACH** compliant Yes

Solder heat resistance according DIN EN 60068-2-20

to standard

MOQ order 32

> mounting diameters

Installation height 9.7 mm Grid, min. 19.05 mm Outside dimension, length 15 mm Outside dimension, width 15 mm Outside dimension, height 9.7 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 100 N $2.9^{\pm0,6} N$ Operating force, min. $0.5^{+0.2}$ mm Switching travel

Contact function 1 NO

Contact system Snap-action contact

Contact material Silver Fixing Soldering THT Terminal on the rear Lötbarkeit Yes

> electrical data

Operating voltage of the luminous 24 V

element, max.

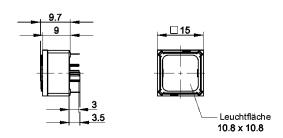
Rated voltage, min. 3 V 35 V Rated voltage, max. Rated current, min. 0.0001 A Rated current, max. 0.25 A Rated power, max. 12.5 W

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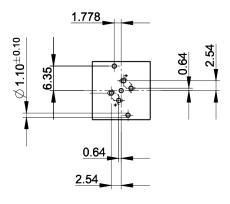


drawings

Dimensioned drawing

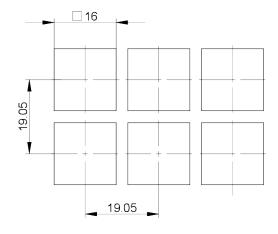


PCB drawing

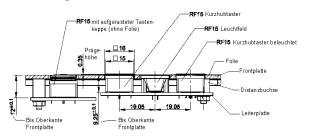


Button full illumination

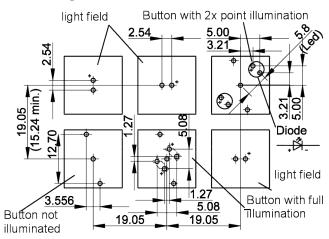
front panel drawing



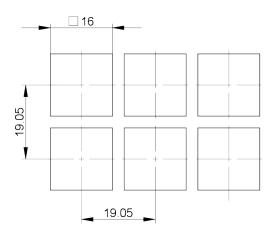
System drawing



PCB drawing



front panel drawing



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