

RF 19 H, gold, full illumination, 2,9^{±0,6} N, lamp white, bezel white, 1



fields of application

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

special features

- ➤ Gold contacts, reliable switching with low currents
- > Full illumination
- > Min. key grid 24 mm
- > Overall height: 12.5 mm
- > Terminal technology: THT

CE

description

The RF 19 H gold tactile switches have a 19 x 19 mm edge length, reliable gold 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 19 H elements should be constructed in a 24 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.

The key switch can be locked with an O-ring (accessory) and used as a signal indicator or placeholder.

technical data

>	general		
	Bezel color	white	direct links
	Luminous element color	white	> RAFI eCatalog
	Operating temperature, min.	-25 °C	
	Storage temperature, min.	-25 °C	
	Operating temperature, max.	70 °C	
	Storage temperature, max.	70 °C	
	illuminated	Yes	
	Luminous elements	Full illumination 2 LEDs	
	Soldering time for manual	5 sec	
	soldering, max.	050.00	
	Soldering temperature for manual soldering	350 °C	
	Soldering temperature for wave soldering	260 °C	
	Soldering	Manual / wave	
	Coldoning	manaar, maro	

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3.14.002.684/0000



Solder heat resistance according DIN EN 60068-2-20

to standard

Packaging Tube
Packaging unit 25 pcs.

Operating life 1,000,000 Cycles
B10 1,300,000 Cycles
Environment resistance IEC 60068-2-14
IEC 60068-2-30

IEC 60068-2-33 IEC 60068-2-78

MOQ order 25
RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Installation height 12.5 mm

Grid, min. 24 mm

Outside dimension, length 19.05 mm

Outside dimension, width 19.05 mm

Outside dimension, height 12.5 mm

> mechanical data

Actuation function momentary contact function

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

Contact function 1 NO

Contact system Snap-action contact

Contact material Gold

Fixing Soldering

Terminal on the rear THT

Solderability Yes

> electrical data

Operating voltage of the luminous 24 V

element, max.

Rated voltage, min.

Rated voltage, max.

Rated current, min.

Rated current, max.

0.1 A

Rated power, max.

2 W

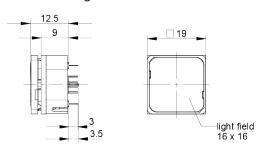
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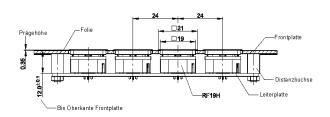


drawings

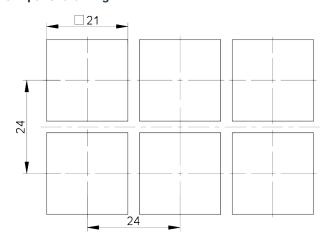
Dimensioned drawing



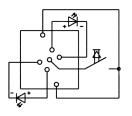
System drawing



front panel drawing



Circuit diagram



Button full illumination