

RF 19, silver, non-illuminated, 5 ± 2 N, bezel white, 1 NC + 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 23 mm
- > Overall height: 9.7 mm
- > Terminal technology: THT

CE

description

technical data

The RF 19 silver tactile switches have a 19 x 19 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 19 elements should be constructed in a 23 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.

> general direct links Bezel color white Operating temperature, min. -25 °C > RAFI eCatalog 70 °C Operating temperature, max. Storage temperature, min. -25 °C 70 °C Storage temperature, max. illuminated No Soldering time for manual 5 sec soldering, max. Soldering temperature for manual 350 °C soldering Soldering temperature for wave 260 °C soldering Soldering Manual / wave Solder heat resistance according DIN EN 60068-2-20 to standard Tube Packaging Packaging unit 25 pcs. net weight 4 g Operating life 100,000 cycles

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	B10	200,000 cycles
	Environment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	MOQ order	25 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	19.05 mm
	Outside dimension, width	19.05 mm
	Outside dimension, height	9.7 mm
	Installation height	9.7 mm
	Grid, min.	23 mm
>	mechanical data	
>	mechanical data Actuation function	momentary contact function
>		momentary contact function 100 N
>	Actuation function	
>	Actuation function Operating force, max.	100 N
>	Actuation function Operating force, max. Operating force, min.	100 N 5 ± 2 N
>	Actuation function Operating force, max. Operating force, min. Switching travel	100 N 5 ± 2 N 0.75 ± 0.1 mm
>	Actuation function Operating force, max. Operating force, min. Switching travel Contact function	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO
>	Actuation function Operating force, max. Operating force, min. Switching travel Contact function Contact system	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO Snap-action contact
>	Actuation function Operating force, max. Operating force, min. Switching travel Contact function Contact system Contact material	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO Snap-action contact Silver
>	Actuation function Operating force, max. Operating force, min. Switching travel Contact function Contact system Contact material Fixing	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO Snap-action contact Silver Soldering
	Actuation function Operating force, max. Operating force, min. Switching travel Contact function Contact system Contact material Fixing Solderability	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO Snap-action contact Silver Soldering Yes
	Actuation function Operating force, max. Operating force, min. Switching travel Contact function Contact system Contact material Fixing Solderability Terminal on the rear	100 N 5 ± 2 N 0.75 ± 0.1 mm 1 NC + 1 NO Snap-action contact Silver Soldering Yes

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drawings

Dimensioned drawing



System drawing



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front panel drawing



Circuit diagram



Non-illuminated Button

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