

RS 76 M - Full-travel key switch, with diode, not illuminable

3.13.005.011/0000

Recommended for use of multi-module keycaps.

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.



General information

Recommended key grid	19.05 mm
----------------------	----------

Mechanical design

Mounting	soldering
Contact function	momentary
Terminals	solder terminals, tin-plated
Contact system	cross contact
Contact arrangement	1 NO
Contact materials	Au alloy
Illumination	no

Mechanical characteristics

Operating force max.	1.4 N
Operating travel	4 mm
Switching travel	1.5 - 2.8 mm
Robustness max.	100 N

Electrical characteristics

Rated voltage min.	2 V (with Diode 3 V)
Rated voltage max.	35 V
Rated current min.	0.01 mA
Rated current max.	100 mA
Rated power max.	1 W
Contact resistance when new max.	100 mΩ (ohne Diode)
Contact resistance acc. to life max.	3 Ω (without diode)
Insulation resistance	10 ⁹ Ω
ESD strength max.	8 kV
Bouncing time max.	5 ms

Other specifications

Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max. (product)	+80 °C

Storage temperature max. (rail)	+50 °C
Environmental resistance	acc. to IEC 60068-2-14, -30, -33 and -78
Operating life min. (operations)	10 ⁷ cycle
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes

