

PCB KEY SWITCHES

RS 76 - FULL-TRAVEL KEY SWITCHES



RS 76

Full-travel key switches

The RS 76 full-travel key switches are designed for configuring keyboards. They offer very comfortable operation with an overall height of 15.5 / 15.9 mm and a key travel of 4 mm. The modular system with a grid of $3/4'' = 19.05$ mm enables you to design any key block you may want.

Mechanical contact system RS 76 M

A gold alloy is used as the contact material and provides high contact reliability, low contact resistance and short bouncing time.

Solid-state contact system RS 76 C

The solid-state switch in Hall-IC technology ensures bounce-free and wear-free switching and a long operating life. Function: When pressing the keys, a permanent magnet changes its position relative to the Hall-IC and thereby generates an output signal. Their use is especially recommended in hostile environments and for heavy duty applications.

- All products are RoHS compliant.

PCB KEY SWITCHES

RS 76 - FULL-TRAVEL KEY SWITCHES

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The RAFI full-travel key switches RS 76 are modular systems for designing individual key blocks and keyboards in the 3/4 inch (= 19.05 mm) grid.

Definitions

Momentary key switches

Momentary key switches return to their initial position after being pressed (momentary action).

Latching key switches

Latching key switches lock when actuated and are returned to their initial position when pressed again (push-push action).

Keycap materials

Keycap without legend insert: ABS

Keycap with legend insert:

- Keycap body: ABS
- Lens: PC

Keycap, n-module

A 2-module keycap f. ex. has the twofold length of a 1-module keycap.

Contact principle

There are two contact principles:

- **Mechanical (M):** Cross contact (RS 76 M)
Bridge contact
(RS 76 M, illuminated)
- **Contactless (C):** Based on Hall-IC (RS 76 C)

Manual Soldering

The soldering temperature should not exceed 300 °C and the soldering time should be less than 5 seconds.

Legending of keycaps

Keycaps can be legended by different methods:

Two-shot moulding

Using this method the symbol is separately manufactured from a plastic and then the appropriate keycap form is moulded round it. Advantage: The character becomes an integrated part of the keycap, thus eliminating abrasion. All RAFI keycap sets with standard legending are manufactured by this method.

Customer specific two-shot moulded keycaps on request.

Printing

Keycaps can be printed with a two-component ink on request. The abrasion of this kind of legending is high. This method of legending is suitable for average volumes.

Engraving

In this labour intensive process the keycaps are engraved with the required symbol, then inlaid with ink. Only used for small volumes.

Laser-printing

This method of legending can be recommended when complete keyboards are required in different keyboard layouts for which RAFI will develop the respective software. The keyboards can then be legended within a short time. This method of legending is particularly recommended for average to large volumes.

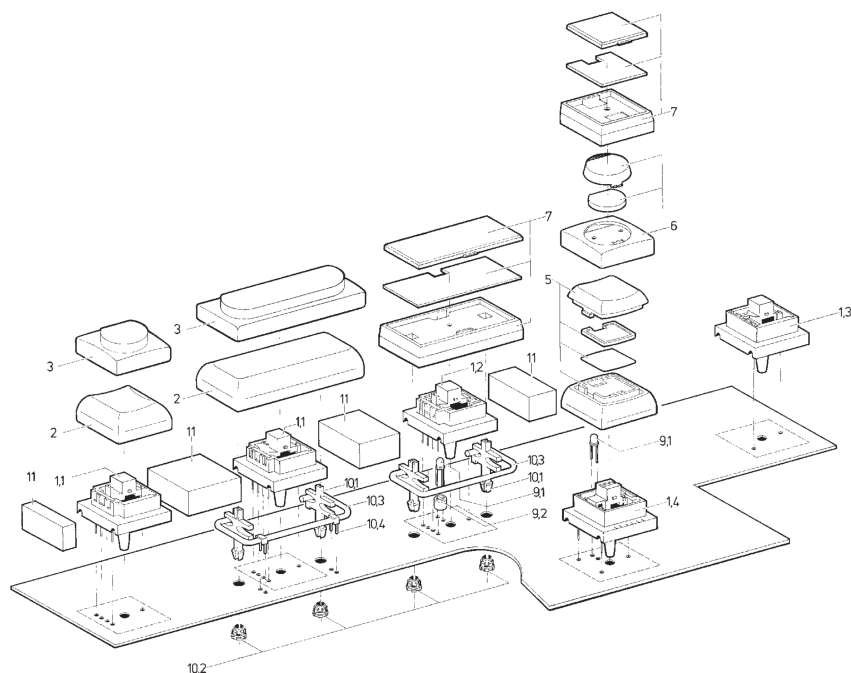
Legend inserts

In the case of keycaps with replaceable legend inserts it is possible to print or engrave the legend inserts. As these inserts are protected by the lens, there can be no abrasion here either.

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RS 76 M/C - FULL-TRAVEL KEY SWITCHES

Design



No. Description

- 1.1 Key switch RS 76 C
- 1.2 Key switch RS 76 C with LED
- 1.3 Key switch RS 76 M
- 1.4 Key switch R 76 M with LED
- 2 Keycap, 1- resp. multi-module
- 3 Keycap with nail protection, 1- resp. multi-module
- 5 Keycap, illuminated
- 6 Keycap, illuminated
- 7 Keycap, illuminated
- 9.1 LED

- 9.2 Spacer for LED (for RS 76 C only)
- 10.1 Plunger for multi-moduel keycaps*
- 10.2 Sleeve for multi-moduel keycaps*
- 10.3 Metal lever for multi-module keycaps*
- 10.4 Bearing bracket for multi-module keycaps*
- 11 Covers

* These parts are included as a complete packet in the delivery of keycaps $\geq$ 2-module.

4

Hole pattern PCB RS 76 M/C

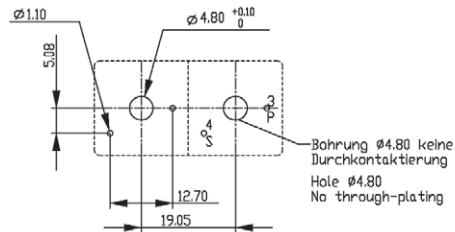
The hole patterns apply to the horizontal position of the keycaps only. Should they be in a vertical position,

the momentary key switch must be mounted accordingly, i. e. rotated by 90°.

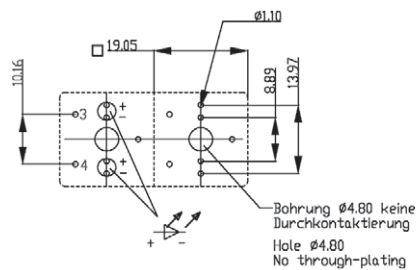
For 1 – 13/4-module keycaps (view on component side)

Momentary key switch, non-illuminated

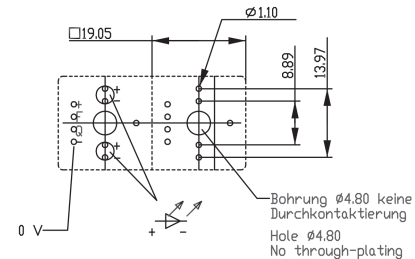
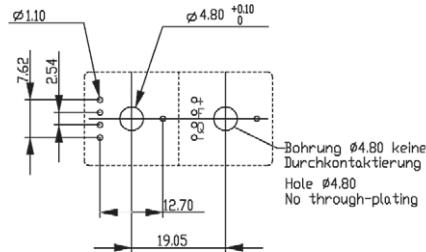
RS 76 M



Momentary key switch, non-illuminated



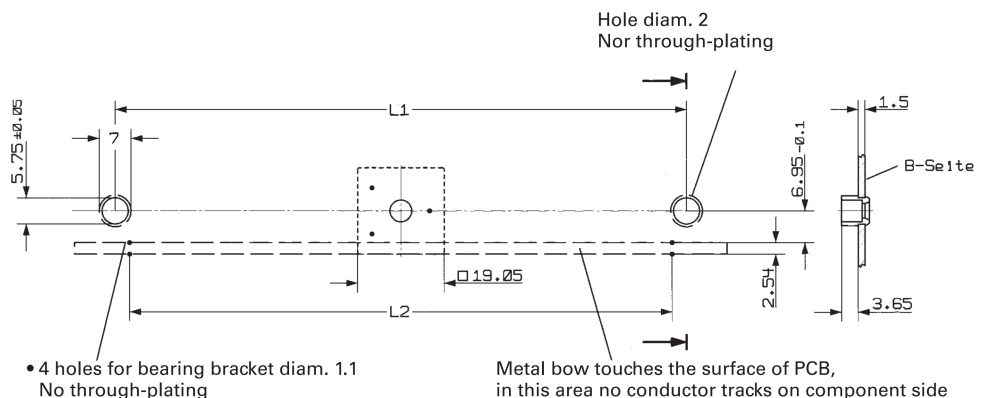
RS 76 C



For 2-, 3- and 8-module keycaps (view on component side)

Momentary key switch, non-illuminated

RS 76 M/C



Keycap	L 1 mm	L 2 mm
2-module	25.40	22.86
3-module	30.48	24.13
5-module	68.58	68.58

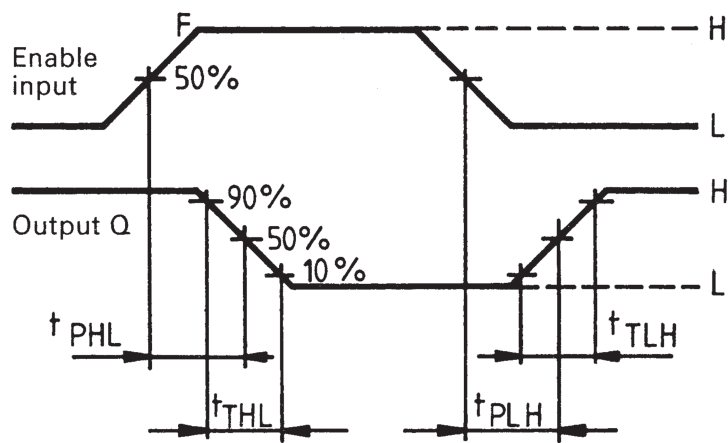
Important note: In the case of 2-, 3- and 8-module keycaps, additional holes must be provided for the accessories. In the case of keycaps < 2-module, neither accessories nor holes are required.

PCB KEY SWITCHES

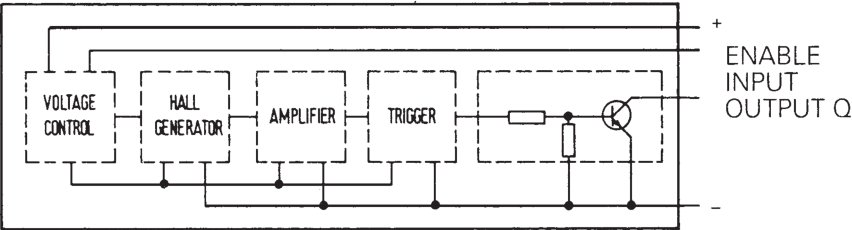
RS 76 M/C - FULL-TRAVEL KEY SWITCHES

Specific technical data RS 76 C

Output pulse diagram Dynamic characteristics (max.)		Tw = 25 °C	Tw = 50 °C	Tw = 70 °C
Turn-on delay time	t _{PHL}	3 µs	7 µs	10 µs
Turn-off delay time	t _{PHL}	4 µs	5 µs	6 µs
Fall/rise time	t _{PHL}	2 µs	2,5 µs	3 µs
	t _{PHL}	1 µs	1,5 µs	2,5 µs

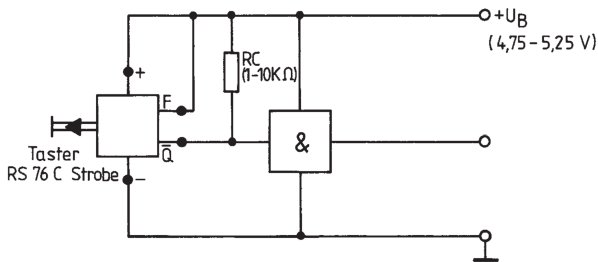


Block diagram
Hall IC

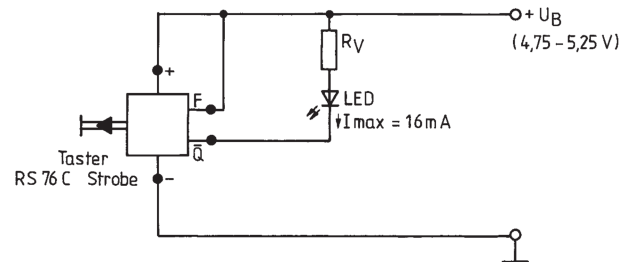


Static with Enable Input

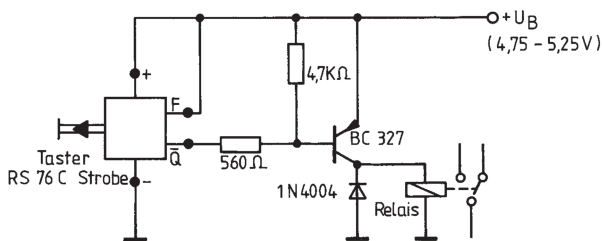
Examples for application RS 76 C



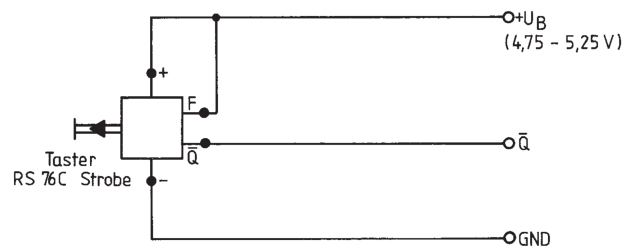
Driving of logic components



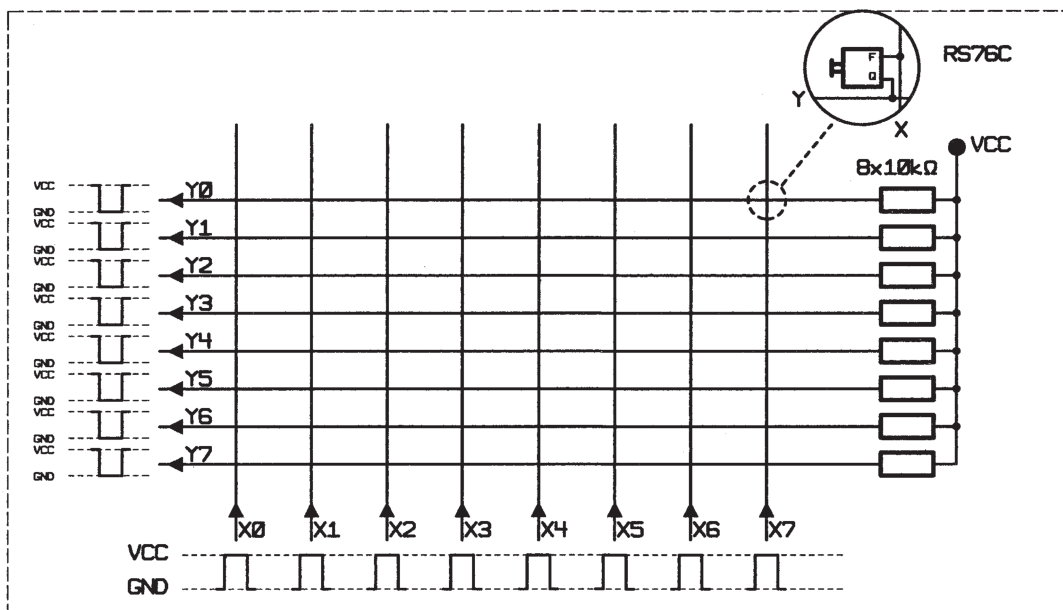
Indication of logical states



Driving of a PNP transistor



Use as static key with open collector output.
Output transistor (NPN) is conductive when actuated.



Use in keyboards

PCB KEY SWITCHES

RS 76 M - FULL-TRAVEL KEY SWITCHES, NON-ILLUMINATED



RS 76 M Full-travel key switches, not illuminable

Technical Data

→ General information	
Recommended key grid	19.05 mm
→ Mechanical design	
Contact function	momentary
Mounting	soldering
Terminals	solder terminals, tin-plated
Contact system	cross contact
Contact arrangement	1 NO
Contact materials	Au alloy
Illumination	no
→ Mechanical characteristics	
Operating force max.	see order block
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
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes

Accessories RS 76 M - Full-travel key switch, not illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 C - Keycap with legend insert		-	4 - 162
RS 76 C - Keycap, opaque		-	4 - 161

PCB KEY SWITCHES

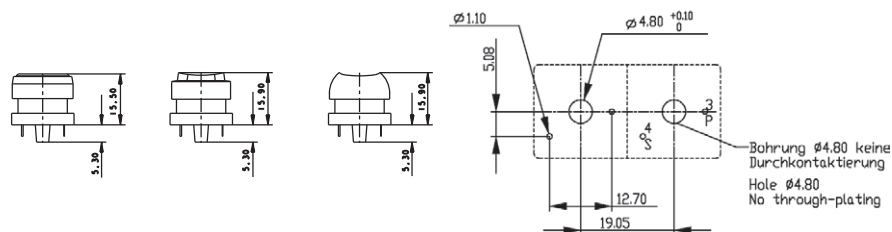
RS 76 M - FULL-TRAVEL KEY SWITCHES, NON-ILLUMINATED

– Table (continued) –
Accessories RS 76 M - Full-travel key switch, not illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 C - Keycap, opaque, with nail protection		-	4 - 162

RS 76 M Full-travel key switch, not illuminable

Technical data see page 4 - 150



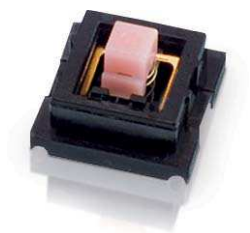
→ Contact function	Illumination	Contact arrangement	Contact materials	Operating travel	Operating force max.	Order no.
momentary	no	1 NO	Au alloy	4 mm	0.9 N	3.13.002.502/0000
momentary	no	1 NO	Au alloy	4 mm	1.4 N	3.13.002.512/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

PCB KEY SWITCHES

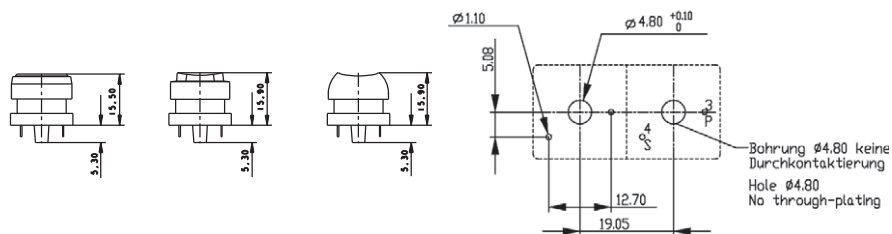
RS 76 M - FULL-TRAVEL KEY SWITCHES, NON-ILLUMINATED



RS 76 M

Full-travel key switch, with diode, not illuminable

Technical data see page 4 - 150



→	Contact function	Illumination	Contact arrangement	Contact materials	Operating travel	Operating force max.	Order no.
	momentary	no	1 NO	Au alloy	4 mm	0.9 N	3.13.005.001/0000
	momentary	no	1 NO	Au alloy	4 mm	1.4 N	3.13.005.011/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

RS 76 M

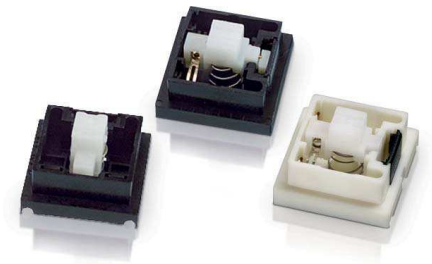
Full-travel

key switches,

illuminable

Technical Data

→ General information	
Recommended key grid	19.05 mm
→ Mechanical design	
Contact function	see order block
Mounting	soldering
Terminals	solder terminals, tin-plated
Contact system	bridge contact
Contact arrangement	1 NO
Contact materials	Au alloy
Illumination	see order block
→ Mechanical characteristics	
Operating force max.	1 N
Operating travel	4 mm
Switching travel	1.5 - 2.8 mm
Robustness max.	100 N
→ Electrical characteristics	
Rated voltage min.	2 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.	200 mΩ
Contact resistance acc. to life max.	3 Ω
Insulation resistance	10 ⁹ Ω
ESD strength max.	8 kV
Bouncing time max.	10 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 momentary, 10 ⁵ latching
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes



RS 76MX, with illuminated keycaps

Accessories RS 76 M - Full-travel key switch, illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 - Cover IP40		-	4 - 168
RS 76 - Keycap with light bar		-	4 - 163
RS 76 - Keycap, illuminable, with legend insert		-	4 - 164

PCB KEY SWITCHES

RS 76 M - FULL-TRAVEL KEY SWITCHES, ILLUMINATED

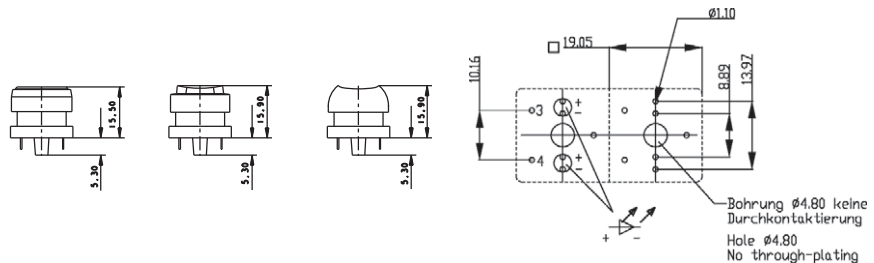
– Table (continued) –
Accessories RS 76 M - Full-travel key switch, illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 - Keycap, illuminable, with nail protection and legend insert		-	4 - 164



RS 76 M Full-travel key switch, illuminable, momentary

Technical data see page 4 - 153



→ Contact function	Contact system	Illumination	Recommended key grid	Order no.
momentary	bridge contact	spot illumination possible with 3 LED	19.05 mm	3.13.002.102/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

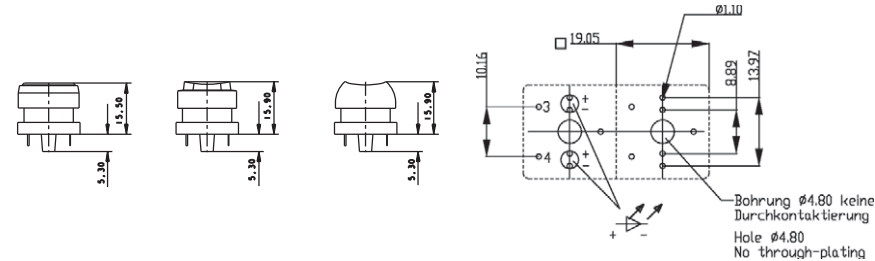
Accessoires:

THT LED 3 mm, without base: see page 2 - 263, 5 - 8

RS 76 M

Full-travel key switch, illuminable, latching

Technical data see page 4 - 153



→ Contact function	Contact system	Illumination	Recommended key grid	Order no.
latching	bridge contact	spot illumination possible with 3 LED	19.05 mm	3.13.002.022/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

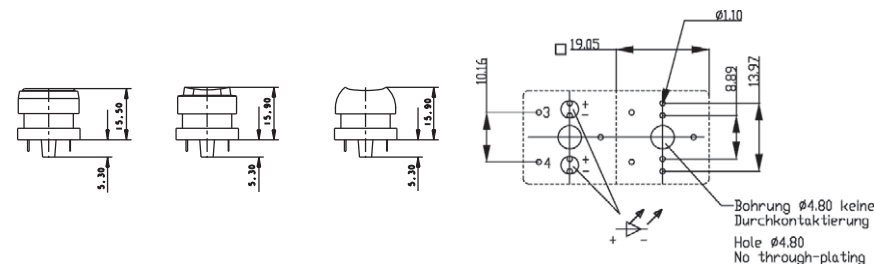
Accessoires:

THT LED 3 mm, without base: see page 2 - 263, 5 - 8

RS 76 MX

Full-travel key switch, fully illuminable

Technical data see page 4 - 153



→ Contact function	Contact system	Illumination	Recommended key grid	Order no.
momentary	bridge contact	2 SMT LED needed	19.05 mm	3.13.002.922/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see keycaps for RS 76.

The SMT LEDs are soldered on the back of the printed circuit board and shine through openings in the board and key switch housing.

Accessoires:

RS 76 MX - Keycap, fully illuminated: 5.05.511.168/0209

RS 76 MX - Keycap, fully illuminated: 5.05.511.168/0754



PCB KEY SWITCHES

RS 76 C - FULL-TRAVEL KEY SWITCHES, NON-ILLUMINATED



RS 76 C Full-travel key switches, not illuminable

Technical Data

→ General information

Recommended key grid	19.05 mm
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→ Mechanical design

Contact function	momentary
Mounting	soldering
Terminals	solder terminals, tin-plated
Contact system	contactless with Hall-IC
Illumination	no

→ Mechanical characteristics

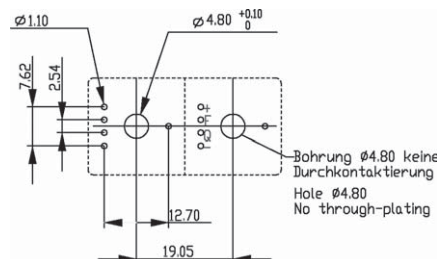
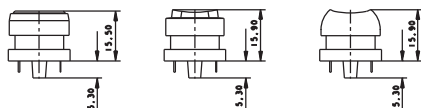
Switching travel off	0.8 ... 2.4 mm
Operating force max.	see order block
Operating travel	4 mm
Switching travel on	1.5 - 2.8 mm
Robustness max.	100 N

→ Electrical characteristics

Operating voltage DC	4.75 ... 5.25 V
Supply current max. at $U_{IL} = 0$ V	0.5 mA
Supply current max. at $U_{IH} = 5$ V	5 mA
Input voltage (F) at $U_{IL} = 0$ V	0.4 V
Input voltage (F) at $U_{IH} = 2.4$ V	5.25 V
Output load current (Q) max.	16 mA
Output residual current (Q) max.	10 μ A
Output saturation voltage (Q) max. bei 16 mA	0.4 V
ESD strength max.	8 kV
Output switching times (Q) at 25 °C, t_{PHL}	3 μ s
Output switching times (Q) at 25 °C, t_{PLH}	4 μ s
Output switching times (Q) at 25 °C, t_{THL}	1 μ s
Output switching times (Q) at 25 °C, t_{TLH}	2 μ s

→ Other specifications

Reliability of Hall-IC at 25 °C	$\lambda = 2.5 \times 10^{-7} \text{ h}^{-1}$
Ambient temp. operating min.	0 °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)	see order block
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes



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PCB KEY SWITCHES

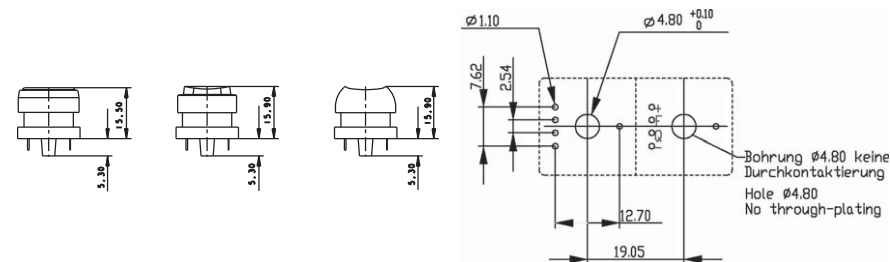
RS 76 C - FULL-TRAVEL KEY SWITCHES, NON-ILLUMINATED

Accessories RS 76 C - Full-travel key switch, not illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 C - Keycap with legend insert		-	4 - 162
RS 76 C - Keycap, opaque		-	4 - 161
RS 76 C - Keycap, opaque, with nail protection		-	4 - 162

RS 76 C Full-travel key switch, not illuminable

Technical data see page 4 - 156



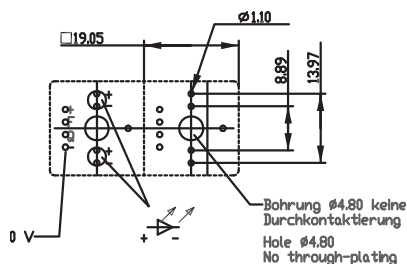
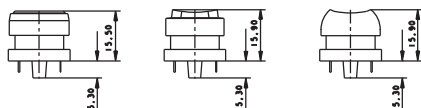
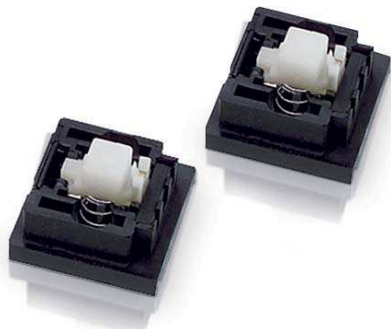
→ Contact function	Operating life min. (operations)	Illumination	Operating force max.	Operating travel	Order no.
momentary	10 ⁸	no	0.7 N	4 mm	3.13.001.010/0000
momentary	10 ⁸	no	1 N	4 mm	3.13.001.210/0000

For accessories and keycaps, refer to RS 76. For applications, refer to the general description of RS 76.

PCB KEY SWITCHES

RS 76 C - FULL-TRAVEL KEY SWITCHES, ILLUMINATED

RS 76 C Full-travel key switches, illuminable



Technical Data

→ General information

Recommended key grid	19.05 mm
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→ Mechanical design

Contact function	see order block
Mounting	soldering
Terminals	solder terminals, tin-plated
Contact system	contactless with Hall-IC
Illumination	with LED
LED color	see order block

→ Mechanical characteristics

Switching travel on	1.5 - 2.8 mm
Switching travel off	0.8 ... 2.4 mm
Operating force max.	0.7 N
Operating travel	4 mm
Robustness max.	100 N

→ Electrical characteristics

Number of LED	see order block
Operating voltage DC	4.75 ... 5.25 V
Supply current max. at $U_{IL} = 0$ V	0.5 mA
Supply current max. at $U_{IH} = 5$ V	5 mA
Input voltage (F) at $U_{IL} = 0$ V	0.4 V
Input voltage (F) at $U_{IH} = 2.4$ V	5.25 V
Output load current (Q) max.	16 mA
Output residual current (Q) max.	10 μ A
Output saturation voltage (Q) max. bei 16 mA	0.4 V
ESD strength max.	8 kV
Output switching times (Q) at 25 °C, t_{PHL}	3 μ s
Output switching times (Q) at 25 °C, t_{PLH}	4 μ s
Output switching times (Q) at 25 °C, t_{THL}	1 μ s
Output switching times (Q) at 25 °C, t_{TLH}	2 μ s

→ Other specifications

Reliability of Hall-IC at 25 °C	$\lambda = 2.5 \times 10^{-7} \text{ h}^{-1}$
Ambient temp. operating min.	0 °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)	see order block
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes

Accessories RS 76 C - Full-travel key switch, illuminable

→ Description

Photo

Order no.

Additional accessories see page

RS 76 - Cover IP40



-

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RS
76

PCB KEY SWITCHES

RS 76 C - FULL-TRAVEL KEY SWITCHES, ILLUMINATED

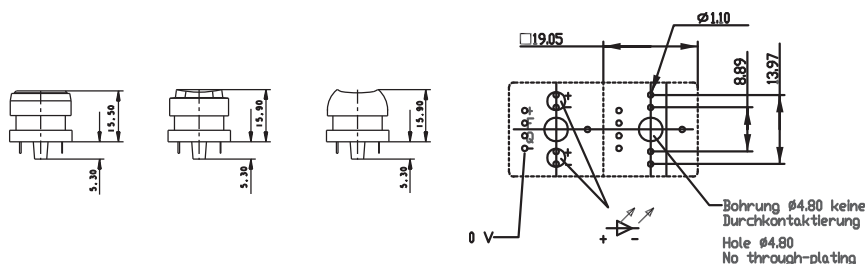
– Table (continued) –
Accessories RS 76 C - Full-travel key switch, illuminable

→ Description	Photo	Order no.	Additional accessories see page
RS 76 - Keycap with light bar		-	4 - 163
RS 76 - Keycap, illuminable, with legend insert		-	4 - 164
RS 76 - Keycap, illuminable, with nail protection and legend insert		-	4 - 164

RS 76 C

Full-travel key switch, illuminable, momentary

Technical data see page 4 - 158



→ Contact function	Operating life min. (operations)	Illumination	Operating force max.	Operating travel	Order no.
momentary	10 ⁸	with LED	0.7 N	4 mm	3.13.001.110/0000

RS 76 C - FULL-TRAVEL KEY SWITCHES, ILLUMINATED



4

RS 76

Keycaps, not illuminable

Technical Data

→ General information	
Form of lens	see order block
Color of keycap / legending	see order block
Color of lens / legend insert	see order block
Illumination	see order block
Degree of protection	see order block
Size of keycap	see order block
→ Other specifications	
ROHS compliant	yes
REACH compliant	yes



RS 76 C

Keycap, opaque

Technical data see page 4 - 161



Keycap, light grey



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→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	no	charcoal grey/-	-	5.82.000.000/0152
1-module	no	light grey/-	-	5.82.000.000/0242

Keycap sets available in two-shot molded design.
Other keycap sizes, e.g. 1.25-, 1.5-, 1.75-, 2-, 3-, 5- and 8-module versions available on request.

PCB KEY SWITCHES

RS 76 - KEYCAPS, NON-ILLUMINATED



RS 76 C Keycap, opaque, with nail protection

Technical data see page 4 - 161



opaque with nail protection charcoal grey / white

→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	no	charcoal grey/-	-	5.80.000.000/0152
1-module	no	light grey/-	-	5.80.000.000/0242

Keycap sets available in two-shot molded design.
Other keycap sizes, e.g. 1.25-, 1.5-, 1.75-, 2-, 3- and 8-module versions available on request.



RS 76 C Keycap with legend insert

Technical data see page 4 - 161

→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	no	charcoal grey/-	colorless/white	5.04.665.221/5520
1-module	no	light grey/-	colorless/white	5.04.665.230/5520

Supplied as single parts: Mat lens, legend insert, keycap body.
Other colors on request.

RS 76 Keycaps, illuminable

Technical Data

→ General information

Form of lens	see order block
Color of keycap / legending	see order block
Color of lens / legend insert	see order block
Illumination	see order block
Degree of protection	see order block
Size of keycap	see order block

→ Other specifications

ROHS compliant	yes
REACH compliant	yes



RS 76 Keycap with light bar

Technical data see page 4 - 163



→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	yes	light grey/-	-	5.82.110.000/0242
1-module	yes	charcoal grey/-	-	5.82.110.000/0152

Other colors on request.

PCB KEY SWITCHES

RS 76 - KEYCAPS, ILLUMINATED



RS 76 Keycap, illuminable, with legend insert

Technical data see page 4 - 163

→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	yes	charcoal grey/-	colorless/white	5.04.665.521/5520
1-module	yes	light grey/-	colorless/white	5.04.665.530/5520

Supplied as single parts: Mat lens, legend insert, diffuser foil, keycap body.

Other colors on request.



RS 76 Keycap, illuminable, with nail protection and legend insert

Technical data see page 4 - 163

→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	yes	charcoal grey/-	colorless/white	5.04.665.911/5520
1-module	yes	light grey/-	colorless/white	5.04.665.920/5520

Supplied as single parts: Mat lens, legend insert, keycap body.

Other colors on request.

RS 76 Keycap, illuminable, with legend insert

Technical data see page 4 - 163



→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	yes	charcoal grey/-	colorless/white	5.04.665.161/5520
1-module	yes	light grey/-	colorless/white	5.04.665.170/5520

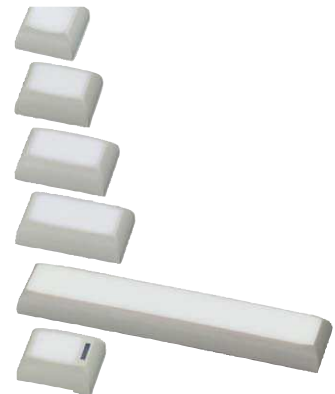
Supplied as single parts: Mat lens, legend insert, diffuser foil, keycap body.
Other colors on request.

RS 76 MX Keycap, fully illuminable

Technical data see page 4 - 163



RS 76MX, with illuminated keycaps



→ Size of keycap	Illumination	Color of keycap / legending	Color of lens / legend insert	Order no.
1-module	yes	white/-	white translucent/-	5.05.511.168/0209
1-module	yes	light grey/-	white translucent/-	5.05.511.168/0754
1¼-module	yes	white/-	white translucent/-	5.05.511.169/0209
1½-module	yes	white/-	white translucent/-	5.05.511.170/0209
1¾-module	yes	white/-	white translucent/-	5.05.511.171/0209
1¼-module with light conductor	yes	white/-	white translucent/-	5.05.511.173/0209

Laser-printed versions available on request.

PCB KEY SWITCHES

RS 76 - KEYCAPS, WITH LEGEND, TWO-SHOT MOLDED/KEYCAP SETS



RS 76 Keycaps, with legend, two-shot molded/ keycap sets



Mouse button, 2 x PS/2 connector

Technical Data

→ General information

Form of lens	see order block
Color of keycap / legending	see order block
Symbol	see order block
Illumination	see order block
Degree of protection	see order block
Size of keycap	see order block

→ Other specifications

ROHS compliant	yes
REACH compliant	yes

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RS 76 Keycap set, symbols A-Z

Technical data see page 4 - 166

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z



light beige

→ Size of keycap	Form of lens	Color of keycap / legending	Symbol	Order no.
1-module	keycap opaque with nail protection	charcoal grey/white	A-Z	5.00.999.500/0000
1-module	keycap opaque with nail protection	light grey/black	A-Z	5.00.999.824/0000
1-module	keycap opaque	charcoal grey/white	A-Z	5.00.999.525/0000
1-module	keycap opaque	light grey/black	A-Z	5.00.999.825/0000

Other symbols and colors on request.

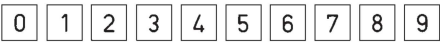
RS
76

PCB KEY SWITCHES

RS 76 - KEYCAPS, WITH LEGEND, TWO-SHOT MOLDED/KEYCAP SETS

RS 76 Keycap set, symbols 0-9

Technical data see page 4 - 166



opaque with nail protection charcoal grey / white

→ Size of keycap	Form of lens	Color of keycap / legending	Symbol	Order no.
1-module	keycap opaque with nail protection	charcoal grey/white	0-9	5.00.999.504/0000
1-module	keycap opaque with nail protection	light grey/black	0-9	5.00.999.826/0000
1-module	keycap opaque	charcoal grey/white	0-9	5.00.999.529/0000
1-module	keycap opaque	light grey/black	0-9	5.00.999.827/0000

Other symbols and colors on request.

RS 76
Accessories

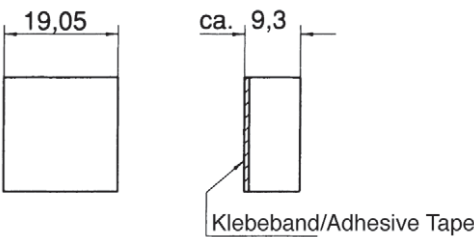


Technical Data

→ General information		
Color		see order block
Size		see order block
→ Other specifications		
ROHS compliant		yes
REACH compliant		yes

RS 76
Cover IP40

Technical data see page 4 - 168



→ Color	Size	Order no.
charcoal grey	¼-module	5.04.520.171/0152
light grey	¼-module	5.04.520.171/0242
light beige	¼-module	5.04.520.171/0710
dark grey	¼-module	5.04.520.171/0801
charcoal grey	½-module	5.04.520.172/0152
light grey	½-module	5.04.520.172/0242
light beige	½-module	5.04.520.172/0710
dark grey	½-module	5.04.520.172/0801
charcoal grey	¾-module	5.04.520.173/0152
light grey	¾-module	5.04.520.173/0242
light beige	¾-module	5.04.520.173/0710
dark grey	¾-module	5.04.520.173/0801
charcoal grey	1-module	5.04.520.174/0152

PCB KEY SWITCHES

RS 76 - SPECIAL ACCESSORIES

– Table (continued) –
RS 76 - Cover IP40

→ Color	Size	Order no.
light grey	1-module	5.04.520.174/0242
light beige	1-module	5.04.520.174/0710
dark grey	1-module	5.04.520.174/0801

Other colors on request.