



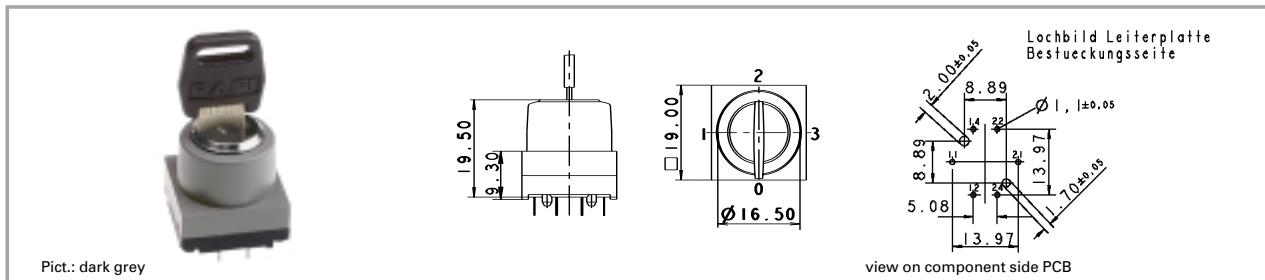
General data

Keylock switches for PCB mounting. Matching with the RS 76 full-travel keyswitches and the RF 15 and RF 19 short-travel keyswitches.

Content

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Keylock switch IP54, MICROMECC



Technical data

General information

Colour	see order block
Form of collar	square

Dimensions

Length of collar	19 mm
Width of collar	19 mm
Overall height	19.5 mm

Mechanical design

Mounting	soldering
Terminals	tin-plated
Contact system / arrangement	cross contact self cleaning
Contact function	see order block
Contact materials	Au alloy
Illuminability	no
Lock	Micromec
Wafers	5
Lock type	001
Number of locking positions	500
Main key	yes
Symmetric key	no
Group key	yes
Key removal position	see order block
General key	yes

Mechanical characteristics

Switching torque	0.04 ... 0.10 Nm
Robustness max.	2 Nm
Dielectric strength AC min.	500 V
Rated power max.	1 W

Electrical characteristics

Rated voltage	2 ... 42 V
Rated current max.	100 mA
Contact resistance when new max.	100 mΩ
Contact resistance acc. to life max.	200 mΩ
Insulation resistance	10 ⁹ Ω
ESD strength max.	8 KV

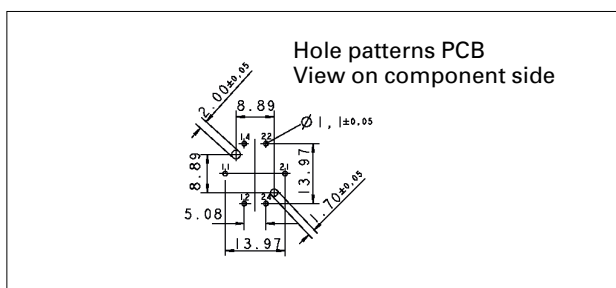
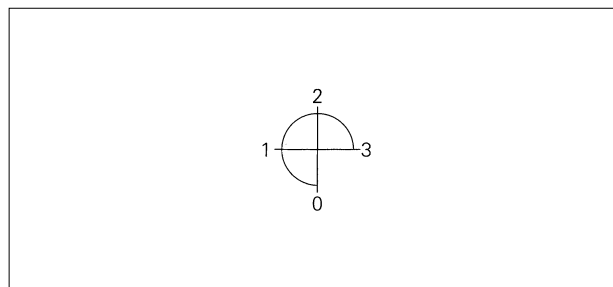
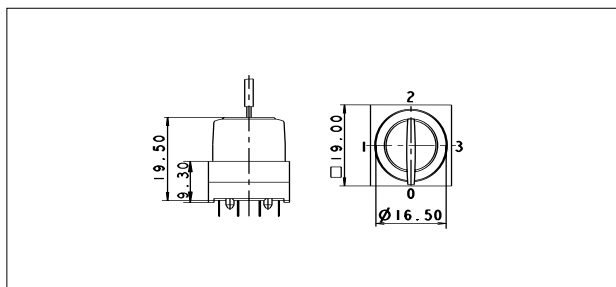
Other specifications

Rotating angle	see order block
Operating life	10000
Degree of protection from front side	IP54
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33
Flammability	UL 94 HB

Accessories Keylock switch IP54, MICROMECC

Description	Photo	Order no.	Page
Adapter for 90° mounting		5.00.642.008/0000	5 - 29
O-ring for keylock switch		5.30.120.015/0100	5 - 31

Configuration Diagram/Dimensional Drawing

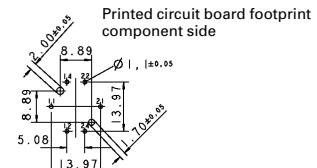
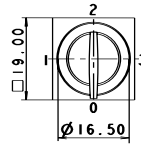
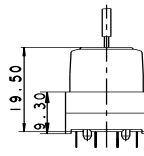


Switching position	Contact function
0	
1	
2	
3	

Keylock switch IP54, MICROMECC



Pict.: dark grey



view on component side PCB

Contact function	Colour	Rotating angle		Key removal position	Order no. complete
momentary	charcoal grey	1 x 40°		0	3.13.026.041/0000
momentary	dark grey	1 x 40°		0	3.13.026.241/0000
momentary	light beige	1 x 40°		0	3.13.026.441/0000
momentary	light grey	1 x 40°		0	3.13.026.541/0000
latching	charcoal grey	1 x 90°		0	3.13.026.001/0000
latching	dark grey	1 x 90°		0	3.13.026.201/0000
latching	light beige	1 x 90°		0	3.13.026.401/0000
latching	light grey	1 x 90°		0	3.13.026.501/0000
latching	charcoal grey	1 x 90°		0+1	3.13.026.006/0000
latching	dark grey	1 x 90°		0+1	3.13.026.206/0000
latching	light beige	1 x 90°		0+1	3.13.026.406/0000
latching	light grey	1 x 90°		0+1	3.13.026.506/0000
latching	charcoal grey	2 x 90°		0	3.13.026.011/0000
latching	dark grey	2 x 90°		0	3.13.026.211/0000
latching	light beige	2 x 90°		0	3.13.026.411/0000
latching	light grey	2 x 90°		0	3.13.026.511/0000
latching	charcoal grey	2 x 90°		0+1+2	3.13.026.016/0000
latching	dark grey	2 x 90°		0+1+2	3.13.026.216/0000
latching	light beige	2 x 90°		0+1+2	3.13.026.416/0000
latching	light grey	2 x 90°		0+1+2	3.13.026.516/0000
latching	charcoal grey	2 x 90°		0	3.13.026.601/0000
latching	dark grey	2 x 90°		0	3.13.026.701/0000
latching	light beige	2 x 90°		0	3.13.026.801/0000

Keylock switches for PCB

Contact function	Colour	Rotating angle		Key removal position	Order no. complete
latching	light grey	2 x 90°		0	3.13.026.851/0000
latching	charcoal grey	2 x 90°		0+1+3	3.13.026.606/0000
latching	dark grey	2 x 90°		0+1+3	3.13.026.706/0000
latching	light beige	2 x 90°		0+1+3	3.13.026.806/0000
latching	light grey	2 x 90°		0+1+3	3.13.026.856/0000
latching	charcoal grey	3 x 90°		0	3.13.026.021/0000
latching	dark grey	3 x 90°		0	3.13.026.221/0000
latching	light beige	3 x 90°		0	3.13.026.421/0000
latching	light grey	3 x 90°		0	3.13.026.521/0000
latching	charcoal grey	3 x 90°		0+1+2+3	3.13.026.026/0000
latching	dark grey	3 x 90°		0+1+2+3	3.13.026.226/0000
latching	light beige	3 x 90°		0+1+2+3	3.13.026.426/0000
latching	light grey	3 x 90°		0+1+2+3	3.13.026.526/0000
latching	charcoal grey	4 x 90° without stop		0	3.13.026.031/0000
latching	dark grey	4 x 90° without stop		0	3.13.026.231/0000
latching	light beige	4 x 90° without stop		0	3.13.026.431/0000
latching	light grey	4 x 90° without stop		0	3.13.026.531/0000
latching	charcoal grey	4 x 90° without stop		0+1+2+3	3.13.026.036/0000
latching	dark grey	4 x 90° without stop		0+1+2+3	3.13.026.236/0000
latching	light beige	4 x 90° without stop		0+1+2+3	3.13.026.436/0000
latching	light grey	4 x 90° without stop		0+1+2+3	3.13.026.536/0000

Technical data see page 4 - 148

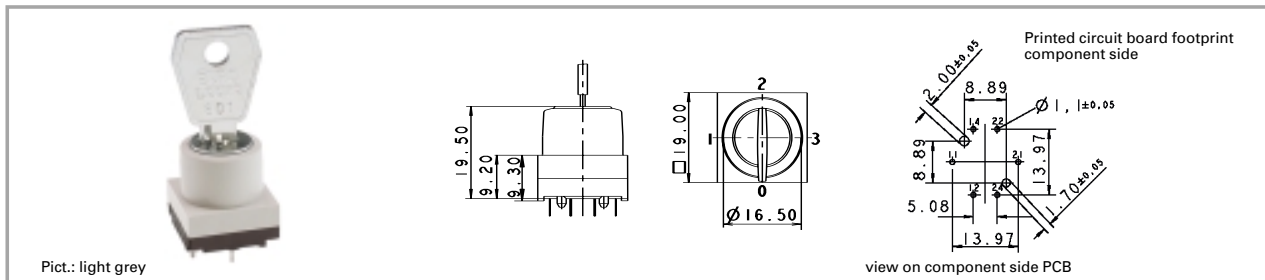
2 keys included.

Other lock variants available on request.

4

Key
Switch
es

Keylock switch IP54, EUROLOCKS



Technical data

General information

Colour	see order block
Form of collar	square

Dimensions

Length of collar	19 mm
Width of collar	19 mm
Overall height	19.5 mm

Mechanical design

Mounting	soldering
Terminals	tin-plated
Contact system / arrangement	cross contact self cleaning
Contact function	latching
Contact materials	Au alloy
Illuminability	no
Lock	Eurolocks
Wafers	5
Lock type	801
Number of locking positions	50
Main key	no
Symmetric key	yes
Group key	no
Key removal position	see order block
General key	no

Mechanical characteristics

Switching torque	0.04 ... 0.10 Nm
Robustness max.	2 Nm
Dielectric strength AC min.	500 V
Rated power max.	1 W

Electrical characteristics

Rated voltage	2 ... 42 V
Rated current max.	100 mA
Contact resistance when new max.	100 mΩ
Contact resistance acc. to life max.	200 mΩ
Insulation resistance	10 ⁹ Ω
ESD strength max.	8 KV

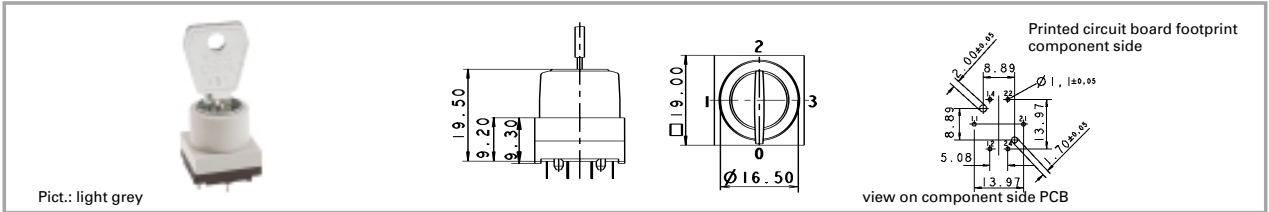
Other specifications

Rotating angle	see order block
Operating life	10000
Degree of protection from front side	IP54
Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33
Flammability	UL 94 HB

Accessories Keylock switch IP54, EUROLOCKS

Description	Photo	Order no.	Page
Adapter for 90° mounting		5.00.642.008/0000	5 - 29
O-ring for keylock switch		5.30.120.015/0100	5 - 31
Spare key		5.58.006.801/0000	

Keylock switch IP54, EUROLOCKS



Contact function	Colour	Rotating angle		Key removal position	Order no. complete
latching	charcoal grey	1 x 90°		0	3.13.009.001/0000
latching	dark grey	1 x 90°		0	3.13.009.004/0000
latching	light beige	1 x 90°		0	3.13.009.005/0000
latching	light grey	1 x 90°		0	3.13.009.006/0000
latching	charcoal grey	1 x 90°		0+1	3.13.009.031/0000
latching	dark grey	1 x 90°		0+1	3.13.009.034/0000
latching	light beige	1 x 90°		0+1	3.13.009.035/0000
latching	light grey	1 x 90°		0+1	3.13.009.036/0000

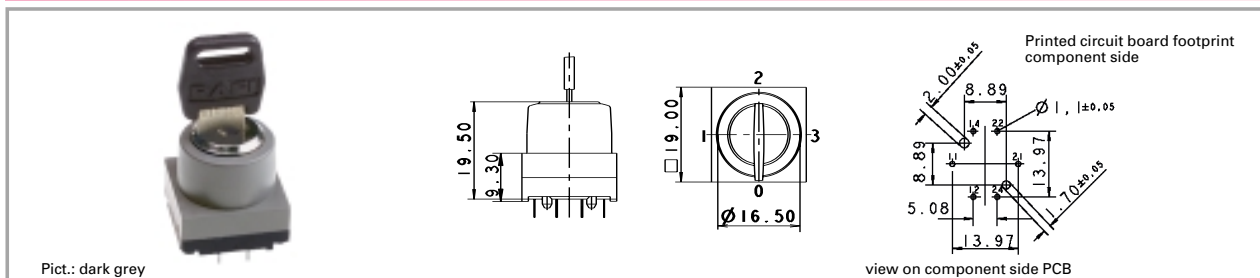
Technical data see page 4 - 152

2 keys included.

Other lock variants available on request.

For the switching arrangement, refer to Micromec keylock switch IP54.

Priority keylock switch IP54



General data

Either 2 or 3 different keys are required, depending on the angle between positions. Key 1 can switch to position 1, key 2 can switch to position 1 and 2, etc.

Technical data

General information

Colour see order block
Form of collar square

Dimensions

Length of collar 19 mm
Width of collar 19 mm
Overall height 19.5 mm

Mechanical design

Mounting soldering
Terminals tin-plated
Contact system / arrangement cross contact self cleaning
Contact function see order block
Contact materials Au alloy
Illuminability no
Lock Micromec
Wafers 5
Lock type 001
Number of locking positions 500
Main key yes
Symmetric key no
Group key yes
Key removal position see order block
General key yes

Mechanical characteristics

Switching torque 0.04 ... 0.10 Nm
Robustness max. 2 Nm
Dielectric strength AC min. 500 V
Rated power max. 1 W

Electrical characteristics

Rated voltage 2 ... 42 V
Rated current max. 100 mA
Contact resistance when new max. 100 mΩ
Contact resistance acc. to life max. 200 mΩ
Insulation resistance $10^9 \Omega$
ESD strength max. 8 KV

Other specifications

Rotating angle see order block
Operating life 10000
Degree of protection from front side IP54
Ambient temp. operating min. -25 °C
Ambient temp. operating max. +70 °C
Storage temperature min. -40 °C
Storage temperature max. +80 °C
Resistance to constant environment according to IEC 600 68-2-3 and 2-30
Resistance at variable environment according to IEC 600 68-2-14 and 2-33
UL 94 HB
Flammability

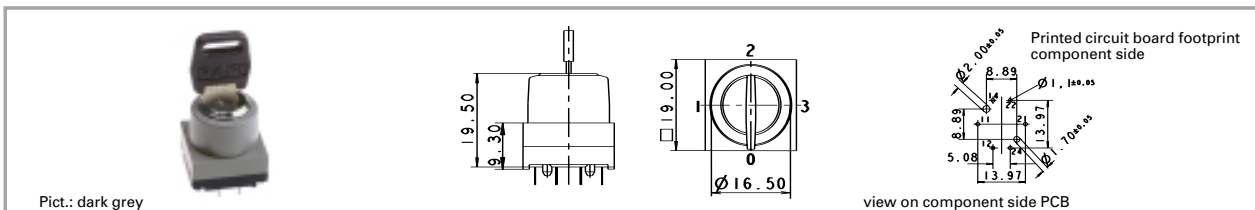
Accessories Priority keylock switch IP54

Description	Photo	Order no.	Page
Adapter for 90° mounting		5.00.642.008/0000	5 - 29
O-ring for keylock switch		5.30.120.015/0100	5 - 31
Set of keys for 2 x 90° type		5.58.099.012/0000	

Accessories Priority keylock switch IP54

Description	Photo	Order no.	Page
Set of keys for 3 x 90° type		5.58.099.013/0000	

Priority keylock switch IP54



Contact function	Colour	Rotating angle		Key removal position	Order no. complete
latching	charcoal grey	2 x 90°		0	3.13.027.001/0000
latching	dark grey	2 x 90°		0	3.13.027.201/0000
latching	light beige	2 x 90°		0	3.13.027.401/0000
latching	light grey	2 x 90°		0	3.13.027.501/0000
latching	charcoal grey	2 x 90°		0+1+2	3.13.027.006/0000
latching	dark grey	2 x 90°		0+1+2	3.13.027.206/0000
latching	light beige	2 x 90°		0+1+2	3.13.027.406/0000
latching	light grey	2 x 90°		0+1+2	3.13.027.506/0000
latching	charcoal grey	3 x 90°		0	3.13.027.011/0000
latching	dark grey	3 x 90°		0	3.13.027.211/0000
latching	light beige	3 x 90°		0	3.13.027.411/0000
latching	light grey	3 x 90°		0	3.13.027.511/0000
latching	charcoal grey	3 x 90°		0+1+2+3	3.13.027.016/0000
latching	dark grey	3 x 90°		0+1+2+3	3.13.027.216/0000
latching	light beige	3 x 90°		0+1+2+3	3.13.027.416/0000
latching	light grey	3 x 90°		0+1+2+3	3.13.027.516/0000

Technical data see page 4 - 154

2 sets of keys included.

Other lock variants available on request.

For the switching arrangement, see IP54 Micromec keylock switch.

Either 2 or 3 different keys are required, depending on the angle between positions. Key 1 can switch to position 1, key 2 can switch to position 1 and 2, etc.

PCB Keyswitches

Stock items are marked by **bold printed** order numbers.

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Key Switches