05.12.2018

RAFIX 22 FS⁺ - Keylock switch, square collar

1.30.255.482/0000

Other lock variants available on request.

Included: 2 keys.

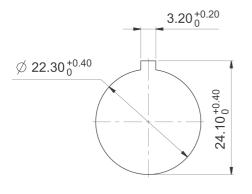
removal cycle	General information	
Dimensions 29.8 x 29.8 mm Width of collar 29.8 x 29.8 mm Overall height 44.1 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 50,000 latching / 40,000 with key removal cycle B10 400,000 momentary / 55,000 latching / 40,000 with key removal cycle B10 400,000 momentary / 55,000 latching / 40,000 with key removal cycle B10 400,000 momentary / 55,000 latching / 40,000 with key removal cycle B10	Color of front ring	silver metallic
Dimensions of collar 29.8 x 29.8 mm Width of collar 29.8 mm Overall height 44.1 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design	Form of collar	square
Width of collar 29.8 mm Overall height 44.1 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design Mounting Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating min. -40 °C	Dimensions	
Overall height 44.1 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design Mounting Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Operating life 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle B10 25 ° C Ambient temp. operating max. +70 °C Ambient temp. operating max. +70 °C	Dimensions of collar	29.8 x 29.8 mm
Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design Mounting Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 2000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Width of collar	
Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Mechanical design Mounting Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 2000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Overall height	44.1 mm
Key grid 30 x 30 mm Mechanical design	-	PCB 9.2 mm, QC 27 mm
Mechanical design Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Mounting hole	 22.3 mm
Mounting ring nut Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Key grid	30 x 30 mm
Contact function latching Lock Micromec Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Mechanical design	
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Wafers 5 Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 00,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Contact function	latching
Illuminability no Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Lock	Micromec
Lock type 001 Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 a00,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Wafers	5
Number of locking positions 500 Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics 1.3 Nm Other specifications 0000 momentary / 50,000 latching / 30,000 with key removal cycle B10 300,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating max. +70 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Illuminability	no
Main key on request Rotating angle 2 x 90° Key removal position 0+1+2 Torque for nut ring 1.2 Nm Mechanical characteristics 1.3 Nm Other specifications 0 Operating life 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Lock type	001
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Key removal position0+1+2Torque for nut ring1.2 NmMechanical characteristicsTorque max.1.3 NmOther specificationsOperating life300,000 momentary / 50,000 latching / 30,000 with key removal cycleB10400,000 momentary / 65,000 latching / 40,000 with key removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °C +70 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	Main key	on request
Torque for nut ring 1.2 Nm Mechanical characteristics 1.3 Nm Other specifications 1.3 Nm Operating life 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Rotating angle	<u>2 x 90°</u>
Mechanical characteristics Torque max. 1.3 Nm Other specifications Operating life 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Key removal position	0+1+2
Torque max.1.3 NmOther specificationsOperating life300,000 momentary / 50,000 latching / 30,000 with key removal cycleB10400,000 momentary / 65,000 latching / 40,000 with key removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	Torque for nut ring	1.2 Nm
Other specifications Operating life 300,000 momentary / 50,000 latching / 30,000 with key removal cycle B10 400,000 momentary / 65,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 °C Ambient temp. operating max. +70 °C Storage temperature min. -40 °C	Mechanical characteristics	
Operating life300,000 momentary / 50,000 latching / 30,000 with key removal cycleB10400,000 momentary / 65,000 latching / 40,000 with key removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	Torque max.	1.3 Nm
removal cycleB10400,000 momentary / 65,000 latching / 40,000 with key removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	Other specifications	
removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	Operating life	300,000 momentary / 50,000 latching / 30,000 with key removal cycle
Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °C	B10	400,000 momentary / 65,000 latching / 40,000 with key removal cycle
Ambient temp. operating max.+70 °CStorage temperature min40 °C	Degree of protection from front side	IP65 (DIN EN 60529)
Storage temperature min40 °C	Ambient temp. operating min.	-25 °C
	Ambient temp. operating max.	+70 °C
Storage temperature max. +80 °C	Storage temperature min.	-40 °C
	Storage temperature max.	+80 °C

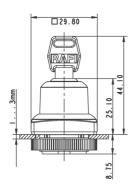


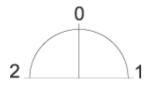


Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
ESD-strength lock / contact	_15 kV
ESD-strength key / front panel	_15 kV
Salt spray	IEC 600 68-2-11
ROHS compliant	yes
REACH compliant	yes

Panel cut-out to IEC 60947-5-1







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