03.12.2018

RAFIX 22 FS⁺ - Keylock switch compact, round collar

1.30.275.321/0100

Other lock variants available on request.

Included: 2 keys.

Color of front ring black Form of collar round Dimensions 0 yearal height Overall height 44.1 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design min Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 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	General information	
Dimensions Dimensions of collar ø 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 Diameter of collar 29.8 mm Mechanical design mignut Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating min. -25 ° C Ambient temp. operating max. +70 ° C Storage temperature max. +80 ° C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78 <th>Color of front ring</th> <th>black</th>	Color of front ring	black
Dimensions of collar ø 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 Diameter of collar 29.8 mm Mechanical design min Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 / 50,000 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 max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Form of collar	round
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 Diameter of collar 29.8 mm Mechanical design mounting Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 / 50,000 latching / 40,000 with key removal cycle Degree of protection from front side IP65 (DIN EN 60529) Ambient temp. operating max. +70 °C Storage temperature min. -40 °C Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Dimensions	
Mounting depth PCB 9.2 mm, QC 27 mm Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design	Dimensions of collar	ø 29.8 mm
Mounting hole 22.3 mm Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design Intervention Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 Storage temperature min. -40 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Overall height	44.1 mm
Key grid 30 x 30 mm Diameter of collar 29.8 mm Mechanical design ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications Operating life 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. 440 °C Storage temperature min. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Mounting depth	PCB 9.2 mm, QC 27 mm
Diameter of collar 29.8 mm Mechanical design ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 1.3 Nm Other specifications 0000 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 Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Mounting hole	22.3 mm
Mechanical design Mounting ring nut Contact function latching Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 Torque for nut ring 1.2 Nm Mechanical characteristics Torque max. Torque max. 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 Storage temperature min. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Key grid	<u>30 x 30 mm</u>
Mountingring nutContact functionlatchingIlluminabilitynoWafers5Lock type001Main keyon requestRotating angle1 x 90°, form VKey removal position0+1Torque 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 max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Diameter of collar	29.8 mm
Contact functionlatchingIlluminabilitynoWafers5Lock type001Main keyon requestRotating angle1 x 90°, form VKey removal position0+1Torque 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 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Mechanical design	
Illuminability no Wafers 5 Lock type 001 Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 Torque for nut ring 1.2 Nm Mechanical characteristics	Mounting	ring nut
Wafers5Lock type001Main keyon requestRotating angle1 x 90°, form VKey removal position0+1Torque 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 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Contact function	latching
Lock type001Main keyon requestRotating angle1 x 90°, form VKey removal position0+1Torque 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 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Illuminability	no
Main key on request Rotating angle 1 x 90°, form V Key removal position 0+1 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 Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Wafers	5
Rotating angle1 x 90°, form VKey removal position0+1Torque 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 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Lock type	001
Key removal position0+1Torque 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 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Main key	on request
Torque for nut ring 1.2 Nm Mechanical characteristics 1.3 Nm Other specifications 00 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 Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Rotating angle	<u>1 x 90°, form V</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 Storage temperature max. +80 °C Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78	Key removal position	0+1
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 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Torque for nut ring	1.2 Nm
Other 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 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	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 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	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 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Other specifications	
removal cycleDegree of protection from front sideIP65 (DIN EN 60529)Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	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 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	B10	
Ambient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Degree of protection from front side	 IP65 (DIN EN 60529)
Storage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Ambient temp. operating min.	-25 °C
Storage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78	Ambient temp. operating max.	+70 °C
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78		-40 °C
	Storage temperature max.	+80 °C
ESD-strength lock / contact 15 kV	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	ESD-strength lock / contact	15 kV

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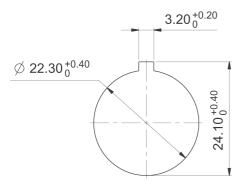


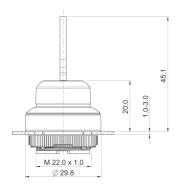
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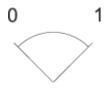


ESD-strength key / front panel	15 kV	
Salt spray	IEC 600 68-2-11	
ROHS compliant	yes	
REACH compliant	yes	

Panel cut-out to IEC 60947-5-1







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