

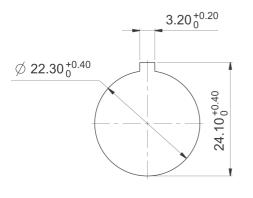
## RAFIX 22 FS<sup>+</sup> - Pushbutton, illuminated, flush lens, square collar, plastic front ring, momentary 1.30.270.051/2507

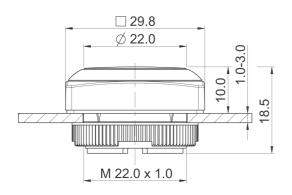


Color of lens translucent green   Color of front ring slate-grey   Form of collar square   Dimensions 29.8 x 29.8 mm   Width of collar 29.8 mm   Overall height 9.85 mm   Mounting depth PCB 9.2 mm, QC 27 mm   Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature min. 40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle	General information	
Color of front ring slate-grey   Form of collar square   Dimensions 29.8 x 29.8 mm   Width of collar 29.8 mm   Overall height 9.85 mm   Mounting depth PCB 9.2 mm, QC 27 mm   Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 500,000 latching cycle	Form of lens	flat lens
Form of collar square   Dimensions 29.8 x 29.8 mm   Dimensions of collar 29.8 mm   Width of collar 29.8 mm   Overall height 9.85 mm   Mounting depth PCB 9.2 mm, QC 27 mm   Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Color of lens	translucent green
Dimensions   Dimensions of collar   Width of collar   Qverall height   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   Mechanical design   Mounting   Mounting   Contact function   momentary   Illuminability   yes   Torque for nut ring   1.2 Nm   Mechanical characteristics   Operating travel   4 mm   Robustness max.   100 N   Other specifications   Ambient temp. operating min.   -25 °C   Ambient temp. operating max.   +70 °C   Storage temperature min.   -40 °C   Storage temperature max.   +80 °C   Operating life   1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Color of front ring	slate-grey
Dimensions of collar29.8 x 29.8 mmWidth of collar29.8 mmOverall height9.85 mmMounting depthPCB 9.2 mm, QC 27 mmMounting hole22.3 mmKey grid30 x 30 mmMechanical designMountingring nutContact functionmomentaryIlluminabilityyesTorque for nut ring1.2 NmMechanical characteristicsOperating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min.40 °C\$torage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Form of collar	square
Width of collar 29.8 mm   Overall height 9.85 mm   Mounting depth PCB 9.2 mm, QC 27 mm   Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   A mm Robustness max.   100 N 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. 40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 500,000 latching cycle	Dimensions	
Overall height 9.85 mm   Mounting depth PCB 9.2 mm, QC 27 mm   Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. 40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 500,000 latching cycle	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 momentary   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics 0   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. 40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Width of collar	29.8 mm
Mounting hole 22.3 mm   Key grid 30 x 30 mm   Mechanical design mounting   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Overall height	
Key grid 30 x 30 mm   Mechanical design ring nut   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Mounting depth	PCB 9.2 mm, QC 27 mm
Mechanical design   Mounting ring nut   Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics Operating travel   Qperating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	Mounting hole	22.3 mm
Mountingring nutContact functionmomentaryIlluminabilityyesTorque for nut ring1.2 NmMechanical characteristicsOperating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Key grid	30 x 30 mm
Mountingring nutContact functionmomentaryIlluminabilityyesTorque for nut ring1.2 NmMechanical characteristicsOperating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle		
Contact function momentary   Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics 0   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle	-	
Illuminability yes   Torque for nut ring 1.2 Nm   Mechanical characteristics 1.2 Nm   Operating travel 4 mm   Robustness max. 100 N   Other specifications -25 °C   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle		<b>_</b>
Torque for nut ring1.2 NmMechanical characteristicsOperating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle		momentary
Mechanical characteristics   Operating travel 4 mm   Robustness max. 100 N   Other specifications 100 N   Ambient temp. operating min. -25 °C   Ambient temp. operating max. +70 °C   Storage temperature min. -40 °C   Storage temperature max. +80 °C   Operating life 1,000,000 momentary / 500,000 latching cycle   B10 1,300,000 momentary / 650,000 latching cycle		
Operating travel4 mmRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Torque for nut ring	<u>1.2 Nm</u>
Robustness max.100 NOther specifications-25 °CAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Mechanical characteristics	
Other specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Operating travel	4 mm
Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Robustness max.	100 N
Ambient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	Other specifications	
Ambient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle	-	-25 °C
Storage temperature min40 °CStorage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle		+70 °C
Storage temperature max.+80 °COperating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle		-40 °C
Operating life1,000,000 momentary / 500,000 latching cycleB101,300,000 momentary / 650,000 latching cycle		
B10 1,300,000 momentary / 650,000 latching cycle		1,000,000 momentary / 500,000 latching cycle
	B10	
Degree of protection from front side IP65 (DIN EN 60529)	Degree of protection from front side	IP65 (DIN EN 60529)
Environmental restistance acc. to IEC 60068-2-14, -30, -33 and -78		
Salt spray IEC 600 68-2-11	Salt spray	
ROHS compliant yes		
REACH compliant yes		



## Panel cut-out to IEC 60947-5-1





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