

## RAFIX 22 QR - Pushbutton, illuminated, flush lens, round collar, plastic front ring, momentary 1.30.240.001/1003

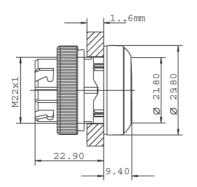


Form of lens   flat lens     Color of lens   transparent white     Color of front ring   red     Form of collar   round     Dimensions   g 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   56.4 mm     Mounting depth with contact block without cable   g 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating fravel     Operating fravel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   PG C     Operating life (operations)   1,000,000 momentary / 500,000 latching 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	General information	
Color of front ring   red     Form of collar   round     Dimensions   g 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   66.4 mm     Mounting depth with contact block without cable   g 22.3 mm     Mounting dept   g 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   -25 °C     Operating life (operations)   1,000,000 momentary / 500,000 latching 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     Storage temperature min.   +80 °C     Environmental restistance   acc. to IEC 60068-2-14, -30, -33 and -78 <td>Form of lens</td> <td>flat lens</td>	Form of lens	flat lens
Form of collar   round     Dimensions   Ø 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   Ø 6.4 mm     Mounting hole   Ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   Mounting     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating frace     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     Work Scompliant   yes	Color of lens	transparent white
Dimensions   Ø 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   56.4 mm     Mounting hole   Ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   Ipe65 (DIN EN 60529)     Operating life (operations)   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	Color of front ring	red
Dimensions of collar   Ø 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   56.4 mm     Mounting hole   Ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	Form of collar	round
Dimensions of collar   Ø 29.8 mm     Overall height   9.4 mm     Mounting depth with contact block without cable   56.4 mm     Mounting hole   Ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes		
Overall height   9.4 mm     Mounting depth with contact block without cable   56.4 mm     Mounting hole   ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Approx. 5 N for 1 switching element   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     WORD   yes		
Mounting depth with contact block without cable   56.4 mm     Mounting hole   ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   momentary     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   Operating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching cycle     Degree of protection from front side   IP65 (DIN EN 60529)     Ambient temp. operating max.   +70 °C     Ato "C   +80 °C     Environmental restistance   acc. to IEC 60068-2-14, -30, -33 and -78     ROHS compliant   yes		
Mounting hole   ø 22.3 mm     Mounting grid   50 x 30 mm     Mechanical design   ministry     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   generating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes		
Mounting grid   50 x 30 mm     Mechanical design   ring nut     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   genating force max.     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes		56.4 mm
Mechanical design     Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics      Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications      Operating life (operations)   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	Mounting hole	ø 22.3 mm
Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   yes     Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	Mounting grid	50 x 30 mm
Mounting   ring nut     Contact function   momentary     Illumination   yes     Mechanical characteristics   yes     Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	Machaniael design	
Contact function   momentary     Illumination   yes     Mechanical characteristics   9     Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes	-	-2
Illumination   yes     Mechanical characteristics   4 mm     Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes		
Mechanical characteristics     Operating travel   4 mm     Operating force max.   approx. 5 N for 1 switching element     Robustness max.   100 N     Other specifications   1,000,000 momentary / 500,000 latching 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     ROHS compliant   yes		
Operating travel4 mmOperating force max.approx. 5 N for 1 switching elementRobustness max.100 NOther specifications1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes	Illumination	yes
Operating force max.approx. 5 N for 1 switching elementRobustness max.100 NOther specifications1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes	Mechanical characteristics	
Robustness max.100 NOther specifications1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes	Operating travel	4 mm
Other specificationsOperating life (operations)1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes	Operating force max.	approx. 5 N for 1 switching element
Operating life (operations)1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes	Robustness max.	100 N
Operating life (operations)1,000,000 momentary / 500,000 latching 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 -78ROHS compliantyes		
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Ambient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °CEnvironmental restistanceacc. to IEC 60068-2-14, -30, -33 and -78ROHS compliantyes		
Storage temperature min.   -40 °C     Storage temperature max.   +80 °C     Environmental restistance   acc. to IEC 60068-2-14, -30, -33 and -78     ROHS compliant   yes	Ambient temp. operating min.	25 °C
Storage temperature max.   +80 °C     Environmental restistance   acc. to IEC 60068-2-14, -30, -33 and -78     ROHS compliant   yes	Ambient temp. operating max.	+70 °C
Environmental restistance   acc. to IEC 60068-2-14, -30, -33 and -78     ROHS compliant   yes	Storage temperature min.	-40 °C
ROHS compliant yes	Storage temperature max.	+80 °C
	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	ROHS compliant	yes
REACH compliant yes	REACH compliant	yes



Panel cut-out to IEC 60947-5-1





## **Mouser Electronics**

Authorized Distributor

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RAFI: 1.30.240.001/1003