

## RAFIX 22 FS<sup>+</sup> - Mushroom-headed pushbutton, latching, illuminated

## 1.30.276.001/2200



Form of lens Color of lens Form of collar Form of collar  Dimensions Mushroom Diameter Overall height Mounting depth Mounting hole Diameter of collar  Contact function Illuminability Reset Drque for nut ring Torque for nut ring Diameter ot perating min.  Cotter specifications Ambient temp. operating max.  Ambient temp. operating max.  Storage temperature max.  Operating life Source of protection from front side Degree of protection from front side Diagrams of the Contact of the Con	General information	
Dimensions   Nushroom Diameter   30 mm   Overall height   33.2 mm   Mounting depth   PCB 9.2 mm, QC 27 mm   Mounting hole   22.3 mm   Overall height   29.8 mm   Overall height   29.	Form of lens	conical mushroom form
Dimensions  Mushroom Diameter 30 mm  Overall height 33.2 mm  Mounting depth PCB 9.2 mm, QC 27 mm  Mounting hole 22.3 mm  Diameter of collar 29.8 mm  Mechanical design  Mounting ring nut  Contact function latching Illuminability yes, lens translucent transparent  Reset by clockwise rotation  Torque for nut ring 1.2 Nm  Mechanical characteristics  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 50,000 cycle  Begree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 600 68-2-11  Robustness acc. to IEC 600 68-2-3 und 2-30	Color of lens	black
Mushroom Diameter         30 mm           Overall height         33.2 mm           Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Diameter of collar         29.8 mm           Mechanical design           Mounting         ring nut           Contact function         latching           Illuminability         yes, lens translucent transparent           Reset         by clockwise rotation           Torque for nut ring         1.2 Nm           Mechanical characteristics         No           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         50,000 cycle           B10         65,000 cycle           Degree of protection from front side         IP65 (DIN EN 60529)           Environmental restistance         acc. to IEC 600 68-2-11           Robustness         acc. to IEC 600 68-2-3 und 2-30	Form of collar	round
Mushroom Diameter         30 mm           Overall height         33.2 mm           Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Diameter of collar         29.8 mm           Mechanical design           Mounting         ring nut           Contact function         latching           Illuminability         yes, lens translucent transparent           Reset         by clockwise rotation           Torque for nut ring         1.2 Nm           Mechanical characteristics         No           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         50,000 cycle           B10         65,000 cycle           Degree of protection from front side         IP65 (DIN EN 60529)           Environmental restistance         acc. to IEC 600 68-2-11           Robustness         acc. to IEC 600 68-2-3 und 2-30	<b>.</b>	
Overall height         33.2 mm           Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Diameter of collar         29.8 mm           Mechanical design           Mounting         ring nut           Contact function         latching           Illuminability         yes, lens translucent transparent           Reset         by clockwise rotation           Torque for nut ring         1.2 Nm           Mechanical characteristics         Nm           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         50,000 cycle           B10         65,000 cycle           B10         65,000 cycle           B20         65,000 cycle           B10         65,000 cycle           B21         P65 (DIN EN 60529)           Environmental restistance         acc. to IEC 600 68-2-11           Robustness         acc. to IEC 600 68-2-3 und 2-30		22
Mounting depth         PCB 9.2 mm, QC 27 mm           Mounting hole         22.3 mm           Diameter of collar         29.8 mm           Mechanical design           Mounting         ring nut           Contact function         latching           Illuminability         yes, lens translucent transparent           Reset         by clockwise rotation           Torque for nut ring         1.2 Nm           Mechanical characteristics           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         50,000 cycle           B10         65,000 cycle           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           Robustness		
Mounting hole 22.3 mm  Diameter of collar 29.8 mm  Mechanical design  Mounting ring nut  Contact function latching Illuminability yes, lens translucent transparent  Beset by clockwise rotation  Torque for nut ring 1.2 Nm  Mechanical characteristics  Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 50,000 cycle  B10 65,000 cycle  B10 65,000 cycle  Degree of protection from front side IP65 (DIN EN 60529)  Environmental restistance acc. to IEC 600 68-2-11, -30, -33 and -78  Salt spray IEC 600 68-2-3 und 2-30		
Diameter of collar  29.8 mm  Mechanical design  Mounting  Contact function  Illuminability  Reset  by clockwise rotation  Torque for nut ring  1.2 Nm  Mechanical characteristics  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.  Operating life  50,000 cycle  B10  65,000 cycle  B10  Degree of protection from front side  Environmental restistance  acc. to IEC 600 68-2-14, -30, -33 and -78  Salt spray  Robustness  acc. to IEC 600 68-2-3 und 2-30		
Mechanical designring nutContact functionlatchingIlluminabilityyes, lens translucent transparentResetby clockwise rotationTorque for nut ring1.2 NmMechanical characteristicsRobustness max.100 NOther specificationsAmbient temp. operating min25 °CAmbient temp. operating max.+70 °CStorage temperature min40 °CStorage temperature max.+80 °COperating life50,000 cycleB1065,000 cycleDegree of protection from front sideIP65 (DIN EN 60529)Environmental restistanceacc. to IEC 600 68-2-14, -30, -33 and -78Salt sprayIEC 600 68-2-3 und 2-30		
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Reset by clockwise rotation  Torque for nut ring 1.2 Nm  Mechanical characteristics Robustness max. 100 N  Other specifications  Ambient temp. operating min25 °C  Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 50,000 cycle  B10 65,000 cycle  B10 65,000 cycle  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 68-2-3 und 2-30		
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Other specifications  Ambient temp. operating min.  Ambient temp. operating max.  +70 °C  Storage temperature min.  Storage temperature max.  -40 °C  Operating life  50,000 cycle  B10  65,000 cycle  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 68-2-3 und 2-30		400.11
Ambient temp. operating min.  Ambient temp. operating max.  +70 °C  Storage temperature min.  -40 °C  Storage temperature max.  +80 °C  Operating life  50,000 cycle  B10  65,000 cycle  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 68-2-3 und 2-30	Robustness max.	100 N
Ambient temp. operating max. +70 °C  Storage temperature min40 °C  Storage temperature max. +80 °C  Operating life 50,000 cycle  B10 65,000 cycle  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  Robustness acc. to IEC 600 68-2-3 und 2-30	Other specifications	
Storage temperature min.  Storage temperature max.  -40 °C  +80 °C  Operating life  50,000 cycle  B10  65,000 cycle  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  Robustness  acc. to IEC 600 68-2-3 und 2-30	Ambient temp. operating min.	-25 °C
Storage temperature max. +80 °C  Operating life 50,000 cycle  B10 65,000 cycle  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  Robustness acc. to IEC 600 68-2-3 und 2-30	Ambient temp. operating max.	+70 °C
Operating life         50,000 cycle           B10         65,000 cycle           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           Robustness         acc. to IEC 600 68-2-3 und 2-30	Storage temperature min.	-40 °C
B10         65,000 cycle           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           Robustness         acc. to IEC 600 68-2-3 und 2-30	Storage temperature max.	+80 °C
Degree of protection from front side  Environmental restistance  Salt spray  Robustness  IP65 (DIN EN 60529)  acc. to IEC 60068-2-14, -30, -33 and -78  IEC 600 68-2-11  acc. to IEC 600 68-2-3 und 2-30	Operating life	50,000 cycle
Environmental restistance         acc. to IEC 60068-2-14, -30, -33 and -78           Salt spray         IEC 600 68-2-11           Robustness         acc. to IEC 600 68-2-3 und 2-30	B10	65,000 cycle
Salt spray         IEC 600 68-2-11           Robustness         acc. to IEC 600 68-2-3 und 2-30	Degree of protection from front side	IP65 (DIN EN 60529)
Robustness acc. to IEC 600 68-2-3 und 2-30	Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
	Salt spray	IEC 600 68-2-11
DOUS compliant	Robustness	acc. to IEC 600 68-2-3 und 2-30
NOTIO COMPINANTE YES	ROHS compliant	yes
REACH compliant yes	REACH compliant	yes



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



