P A C	lushroom actuat art no. rticle no. atalog No.	tor, green I, mor M22-DP-G-2 216722 M22-DP-G-2	(1	Powering Business Worldwide
Delivery program				
Product range				RMQ-Titan
Basic function				Mushroom-headed pushbutton
Single unit/Complete unit				Single unit
Design				Mushroom
				momentary
Colour				
Mushroom				green
Button plate				
button plate				green
Button plate				
				inscribed
Degree of Protection				IP67, IP69K
Front ring				Bezel: titanium
Connection to SmartWire-DT				Yes, with SWD-RMQ connections
Actuator travel and actuation K.5.4.1		EN 60947-5-1,		
Minimum force for positive opening	ng		Ν	0
Front dimensions				22 x 22
Function				momentary

Technical data

General			
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 5
Operating frequency	Operations/h		≦ ₃₆₀₀
Actuating force		n	≦₅
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +70
Storage		°C	- 40 - + 80
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation	l _n	А	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			Not applicable.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)

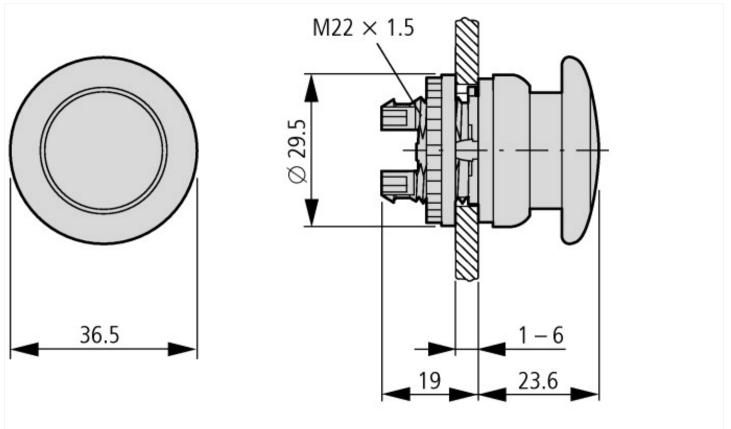
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss8.1-27-37-12-12 [AKF030011])

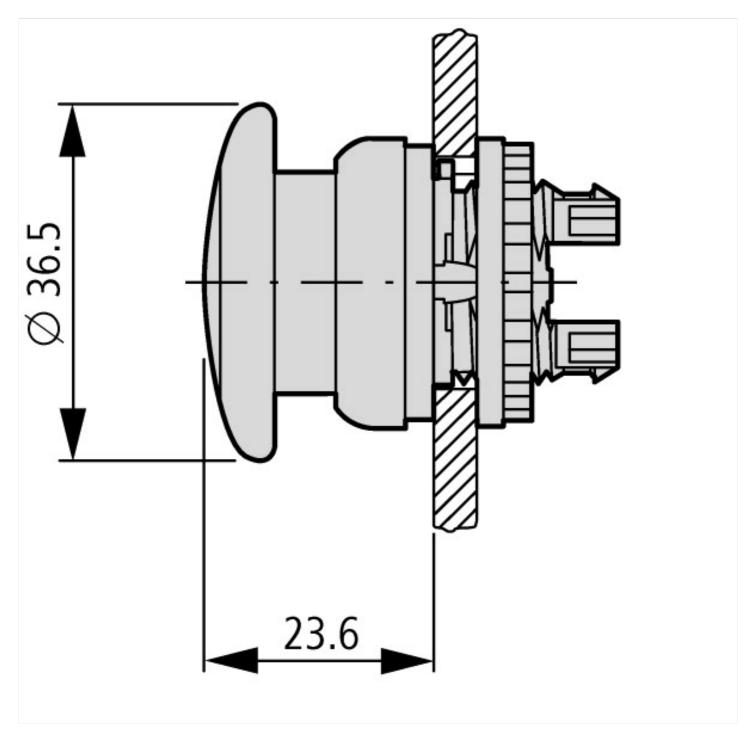
Clour button Fee Green Construction type lens Rund Rund Diameter cap Mmm Sci Held diameter Mmm 2 Vidth opening Mmm 0 Begree of protection (IP) Mmm For Stable for illumination Mmm For Stable for illumination Mmm For String function latching Mmm For Vidt fort ring Mmm For Addiaf fort ring Mmm For Striable for emergency stop Mmm For Vidt fort ring Mmm For Striable for emergency stop Mome For Vidta form ring Mmm For Striable for emergency stop Mome For Vinduity for emergency stop For For Vinduity for emergency stop For For Vinduity for emergency stop	(eci@350.1-27-37-12-12 [AKI 050011])		
Diameter capmm36.5Hole diametermm22Width openingmm0Height meter openingmm0Degree of protection (IP)MmP67Suitable for illuminationMmFlatSwitching function latchingMmNoSyning-returnMmVesWith front ringMmPaticKole of informingMmSecondSuitable for ringMmSecondSuitable for remergency stopMmNoSuitable for emergency stopMmMmSuitable for emergency stopM	Colour button		Green
Hole diameter Pmm 2 With opening mm 0 Height meter opening mm 0 Degree of protection (IP) mm 160 Syntable for illumination FMM 160 Switching function latching FMM 160 Syntap return FMM 160 With front ring FMM 160 Glour front ring FMM 160 Suitable for emergency stop FMM 160	Construction type lens		Round
With openingmm0Height meter openingmm0Degree of protection (IP)IP67Type of buttonIP67Suitable for illuminationIP67Switching function latchingIP67Spring-returnIP67With front ringIP67Material front ringIP67Solour front ringIP67Suitable for emergency stopIP67Suitable	Diameter cap	mm	36.5
Height meter openingmmImage: Constraint openingDegree of protection (IP)FactIP67Type of buttonFactFactSuitable for illuminationFactNoSwitching function latchingFactNoSpring-returnFactFactWith front ringFactFactNoterial front ringFactFactColour front ringFactFactSuitable for emergency stopFactFactSuitable for emergency stopFact </td <td>Hole diameter</td> <td>mm</td> <td>22</td>	Hole diameter	mm	22
Degree of protection (IP)P67Type of buttonFatSuitable for illuminationFatSwitching function latchingFatSpring-returnFatWith front ringFatMaterial front ringFatColour front ringFatSuitable for emergency stopFat <t< td=""><td>Width opening</td><td>mm</td><td>0</td></t<>	Width opening	mm	0
Type of buttonFatSuitable for illuminationMoSwitching function latchingMoSpring-returnMoWith front ringMoMaterial front ringMoColour front ringMoSuitable for emergency stopMo	Height meter opening	mm	0
Suitable for illumination Mo Switching function latching Mo Spring-return Mo With front ring Mo Material front ring Mo Colour front ring Mo Suitable for emergency stop Mo	Degree of protection (IP)		IP67
Switching function latchingImage: Switching function latchingNoSpring-returnImage: SwitchingYesWith front ringImage: SwitchingYesColour front ringImage: SwitchingPlasticSuitable for emergency stopImage: SwitchingNo	Type of button		Flat
Spring-return Material front ring <td>Suitable for illumination</td> <td></td> <td>No</td>	Suitable for illumination		No
With front ring Material front ring<	Switching function latching		No
Material front ring Material front ring Material front ring Material front ring Plastic Colour front ring Material front ring Chrome Suitable for emergency stop Material front ring No	Spring-return		Yes
Colour front ring Chrome Suitable for emergency stop Chrome	With front ring		Yes
Suitable for emergency stop	Material front ring		Plastic
	Colour front ring		Chrome
Unlocking method None	Suitable for emergency stop		No
	Unlocking method		None

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 3R, 4X, 12, 13

Dimensions





Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2016_09.pdf System