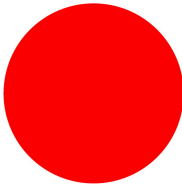


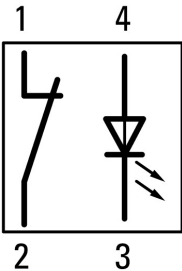
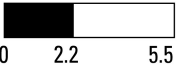




**Illuminated pushbutton actuator, Flat, momentary, 1 NC, Screw connection, LED Red, Without button plate, 120 V AC, Bezel: black**

**Part no. C22S-DL-XR-K01-120**  
**Catalog No. 121691**  
**Alternate Catalog No. C22S-DL-XR-K01-120**

**Delivery program**

Product range		RMQ Compact
Basic function		Illuminated pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Flat
		momentary
Connection type		Screw connection
<b>Colour</b>		
LED		
LED		Red
<b>Button plate</b>		
button plate		Without button plate
Rated operational voltage LED		120 V AC
Degree of Protection		IP66, IP67, IP69
Front ring		Bezel: black
Connection to SmartWire-DT		no
<b>Contacts</b>		
N/C = Normally closed		1 NC 
Notes		 = safety function, by positive opening to IEC/EN 60947-5-1
<b>Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1</b>		
	mm	4.65
Maximum travel	mm	5.7
Minimum force for positive opening	N	15
Contact sequence		
<b>Contact travel <input checked="" type="checkbox"/> = Contact closed <input type="checkbox"/> = Contact open</b>		
Contact diagram		 Zw = 4.5 mm
Positive opening (ZW)		yes

## Technical data

### General

Standards			IEC/EN 60947-5-1 VDE 0660
Lifespan, mechanical	Operations	x 10 <sup>6</sup>	> 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
Degree of Protection			IP66, IP67, IP69
Ambient temperature			
Open		°C	-25 - +70
Storage		°C	- -30 - + 80
Mounting position			As required
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	2 x 0.5 - 1.5_x
Flexible with ferrule		mm <sup>2</sup>	2 x 0.5 - 1.5_x
Tightening torque for terminal screw		Nm	0.8

### Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Rated conditional short-circuit current	I <sub>q</sub>	kA	1
Overvoltage category/pollution degree			III/3
Control circuit reliability			
at 24 V DC/5 mA	H <sub>F</sub>	Fault probability	values follow
at 5 V DC/1 mA	H <sub>F</sub>	Fault probability	values follow
Max. short-circuit protective device			
Fuse	gG/gL	A	10

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Push button, complete (EC001028)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss10.0.1-27-37-12-28 [AKF046014])			
Number of command positions			1
Type of button			Flat
Colour button			Without button plate
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			Yes
Switching function latching			No
Spring-return			Yes
Supply voltage lamp		V	120
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Type of electric connection			Screw connection
With front ring			Yes
Material front ring			Plastic

Colour front ring		Other
Degree of protection (IP)		Other
Degree of protection (NEMA)		

## Approvals

Product Standards		IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-05 und 94-M91; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		165628
CSA Class No.		321103
North America Certification		UL listed, CSA certified
Degree of Protection		1,3R,4X,12,13

## Additional product information (links)

<b>IL04716025Z RMQ-Titan: compact programm</b>	
IL04716025Z RMQ-Titan: compact programm	<a href="https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716025Z2019_05.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716025Z2019_05.pdf</a>