



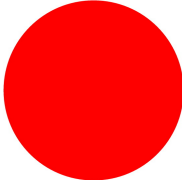
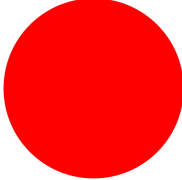


Illuminated pushbutton actuator, classic, flat, taster, 1 N/C, red, 24 V AC/DC, cable (black) with non-terminated end, 4 pole, 1 m



Powering Business Worldwide™

Part no. C22-DL-R-K01-24-P62  
 Catalog No. 185587

**Delivery program**

Product range			RMQ compact solution
Basic function			Illuminated pushbutton actuators
Single unit/Complete unit			Complete unit
Design			Flat
			momentary
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	1
<b>Colour</b>			
LED			
LED			Red
<b>Button plate</b>			
button plate			red
Button plate			
			Blank
Rated operational voltage LED			24 V AC/DC
Name			None
Degree of Protection			IP66, IP67, IP69K (front) IP65 (on rear)
Front ring			Bezel: titanium
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</b> = Contact closed  = Contact open			
Contact diagram			 Zw = 4.5 mm
Positive opening (ZW)			yes

## Technical data

### General

Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Operating frequency	Operations/h		≤ 3600
Actuating force	n		≤ 5
Tightening torque Threaded ring	Nm		2
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69K (front) IP65 (on rear)
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms	g		> 30

### Contacts

Rated impulse withstand voltage	$U_{imp}$	V AC	800
Rated insulation voltage	$U_i$	V	30
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	$H_F$		N/C contact: statistically determined 1 failure per $0.9 \times 10^6$ Operations
Max. short-circuit protective device			
Fuse	gG/gL	A	4
Rated conditional short-circuit current	$I_q$	kA	1

### Switching capacity

Rated operational current	$I_e$	A	
AC-15			
24 V	$I_e$	A	4
DC-13			
24 V	$I_e$	A	3
Cable characteristics			
Design			Cable end open
Cable Length		m	1
Material characteristic			PUR
Diameter	∅	mm	4.7

## Design verification as per IEC/EN 61439

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

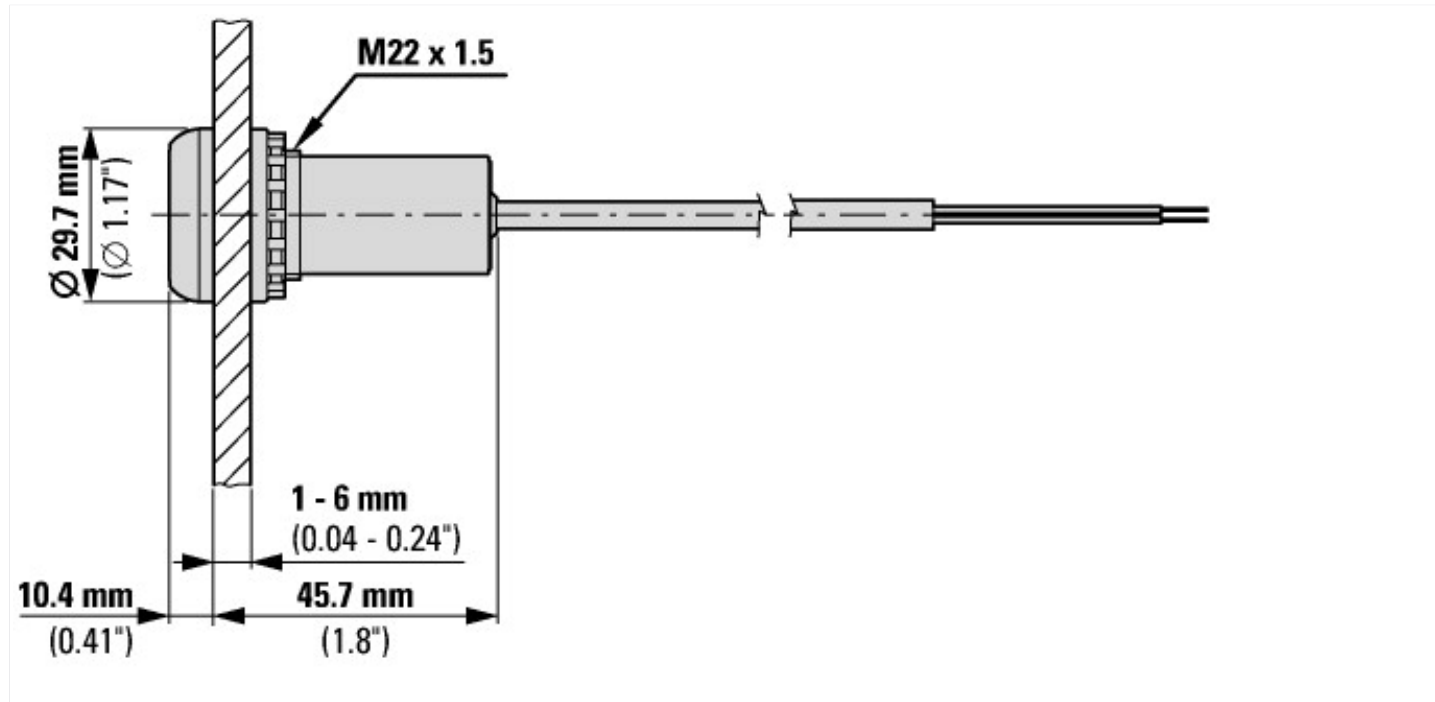
## Technical data ETIM 6.0

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@ss8.1-27-37-12-28 [AKF046011])

Number of command positions		1
Colour button		Red
Construction type lens		Round
Hole diameter	mm	22
Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP)		Other
Type of button		Flat
Suitable for illumination		Yes
Switching function latching		No
Spring-return		Yes
Supply voltage lamp	V	24
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		Other
With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey

## Dimensions



## Assets (Links)

[Declaration of Conformity](#)

00002596

## Additional product information (links)

**IL047016ZU RMQ compact solution**

IL047016ZU RMQ compact solution

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL047016ZU2017\\_01.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2017_01.pdf)

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