



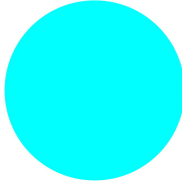
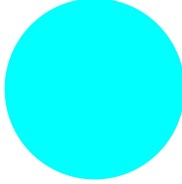
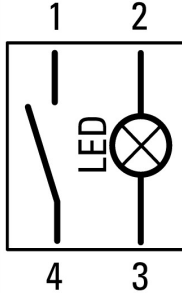



Illuminated pushbutton actuator, classic, flat, taster, 1 N/O, blue, 24 V AC/DC, cable (black) with m12a plug, 4 pole, 0.2 m



Powering Business Worldwide™



Part no. **C22-DL-B-K10-24-P1**
 Catalog No. **185553**

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 M12A plug, 4 pole
Cable Length	m	0.2
Colour		
LED		
LED		Blue
Button plate		
button plate		Blue
Button plate		
		Blank
Rated operational voltage LED		24 V AC/DC
Name		None
Degree of Protection		IP66, IP67, IP69 (frontseitig) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/O = Normally open		1 N/O
Contact sequence		
Contact travel  = Contact closed  = Contact open		
Contact diagram		

Technical data


Standards	IEC/EN 60947-5-1
-----------	------------------

Certifications			VDE 0660 CE, UL, CSA
Lifespan, mechanical	Operations	$\times 10^6$	> 5
Operating frequency	Operations/h		 3600
Actuating force	n		 5
Plug tightening torque	N/m		1
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, IP69 (frontseitig) 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	4000
Rated insulation voltage	U_i	V	250
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H_F		N/O: 1 failure per 17×10^6 switching operations, statistically determined
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			M12A
Cable Length		m	0.2
Material characteristic			PUR
Diameter		mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature max.		°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			Blue
Construction type lens			Round
Hole diameter		mm	22
Width opening		mm	0
Height meter opening		mm	0
Degree of protection (IP)			-
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		1
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Type of electric connection		-
With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey

Dimensions

