

Part no. Article no.

#### C22-DRL-B-K10-24-P65 185597



**Delivery program** 

Delivery program	
Product range	RMQ compact solution
Basic function	Illuminated pushbutton actuators
Single unit/Complete unit	Complete unit
Design	Flat
	maintained
Connection type	Cable (black) with non-terminated end, 4 pole
Cable Length	m 3.5
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, IP69K (front) IP65 (on rear)
Front ring	Bezel: titanium
Connection to SmartWire-DT	no
Contacts	
N/O = Normally open	1 N/O
Contact sequence	BN WH  BK BU
Contact travel = Contact closed = Contact open	
Contact diagram	0 3.15 5.5

## **Technical data**

General

Standards		IEC/EN 60947-5-1 VDE 0660
Operating frequency	Operations/h	≤ <sub>3600</sub>

Actuating force		n	$\leq_5$
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	4000
Rated insulation voltage	Ui	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 $\times10^6$ switching operations, statistically determined
Max. short-circuit protective device			
Fuse	gG/gL	Α	4
Rated conditional short-circuit current	Iq	kA	1
Switching capacity			
Rated operational current	l <sub>e</sub>	Α	
AC-15			
24 V	I <sub>e</sub>	Α	4
DC-13			
24 V	l <sub>e</sub>	Α	3
Cable characteristics			
Design			Cable end open
Cable Length		m	3.5
Material characteristic			PUR
Diameter	Ø	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])

Coortruction type lens  Hole diameter  Width opening  Height meter opening  Degree of protection (IP)  Type of button  Suitable for illumination  Switching function latching  Spring-return  Suitable for contacts as normally open contact  Number of contacts as normally closed contact  Number of contacts as change-over contact  Type of electric connection  Blue  Round  Round  Round  Pa  22  -  -  -  -  -  -  -  -  -  -  -  -	[AKF046011])		
Construction type lens  Hole diameter  Mod 22  Width opening mm 0  Height meter opening mm 0  Degree of protection (IP)	Number of command positions		1
Hole diameter  Midth opening  Midth	Colour button		Blue
Width opening mm 0 Height meter opening mm 0 Degree of protection (IP) - Flat Type of button Flat Suitable for illumination yes Switching function latching Yes Spring-return No Supply voltage lamp V 24 Number of contacts as normally open contact Number of contacts as change-over contact Dumber of contacts as change-over contact Street Connection Contacts as change-over contact Street Connection Contacts as change-over contact Street Connection Contacts as change-over contact Contacts Connection Contacts Contacts Connection Contacts Connection Contacts	Construction type lens		Round
Height meter opening mm 0 Degree of protection (IP) - Flat Type of button Flat Suitable for illumination Yes Switching function latching Yes Spring-return No Supply voltage lamp V 24 Number of contacts as normally open contact In Mumber of contacts as normally closed contact In Mumber of contacts as change-over contact In Mumber of contacts In Mumber of contact In Mumber of	Hole diameter	mm	22
Degree of protection (IP) Type of button Flat Suitable for illumination Switching function latching Spring-return Supply voltage lamp V Supply voltage sa normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection	Width opening	mm	0
Type of button Suitable for illumination Switching function latching Switching function latching Spring-return Supply voltage lamp V 24 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection  Flat Yes Yes No Sep No Supply voltage lamp V 24  1 Contacts as normally open contact 0 Contacts as normally closed contact 0 Contacts as normally closed contact 0 Contacts as change-over contact 0 Contacts as change-ove	Height meter opening	mm	0
Suitable for illumination  Suitable for illumination  Yes  Switching function latching  Yes  Spring-return  No  Supply voltage lamp  V  24  Number of contacts as normally open contact  Number of contacts as normally closed contact  Number of contacts as normally closed contact  Number of contacts as change-over contact  Type of electric connection  Yes  Yes  No  O  C  Type of electric connection  Yes  Yes  No  O  C  Type of electric connection  Yes  Yes  No  O  C  Type of electric connection  Yes  Yes  Yes  Yes  No  O  C  Type of electric connection  Yes  Yes  No  O  C  Type of electric connection  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye	Degree of protection (IP)		
Switching function latching Spring-return No 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 1 Type of electric connection	Type of button		Flat
Spring-return Supply voltage lamp V 24 Number of contacts as normally open contact Number of contacts as normally closed contact Outpet of contacts as change-over contact Outpet of electric connection  No No  1  24  1  20  20  30  30  40  40  40  40  40  40  40  4	Suitable for illumination		Yes
Supply voltage lamp  V 24  Number of contacts as normally open contact  1 1  Number of contacts as normally closed contact  0 0  Number of contacts as change-over contact  Type of electric connection  V 24  1	Switching function latching		Yes
Number of contacts as normally open contact  Number of contacts as normally closed contact  Number of contacts as change-over contact  Type of electric connection  1  0  Type of electric connection  1  1  0	Spring-return		No
Number of contacts as normally closed contact  Number of contacts as change-over contact  O  Type of electric connection  O  -	Supply voltage lamp	V	24
Number of contacts as change-over contact 0  Type of electric connection -	Number of contacts as normally open contact		1
Type of electric connection -	Number of contacts as normally closed contact		0
	Number of contacts as change-over contact		0
With front ring Yes	Type of electric connection		
	With front ring		Yes

Material front ring	Plastic
Colour front ring	Grey

### **Dimensions**

