

Part no. Article no.

C22-DR-X-K20-P65 185633



Delivery program

Delivery program		
Product range		RMQ compact solution
Basic function		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
Button plate		
		Without button plate
Degree of Protection		IP66, IP67, IP69K (front) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/O = Normally open		2 N/O
Contact sequence		BN WH
Contact travel = Contact closed = Contact open		
Contact diagram		0 3.15 5.5

Technical data

General

Actuating force Actuating force Tightening torque Threaded ring Climatic proofing Degree of Protection Mounting position Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Rated insulation voltage Act 17 V DC/7 mA Max. short-circuit protective device Fuse Max. short-circuit protective device Tightening force Nm 1	General			
Actuating force Part	Standards			
Tightening torque Threaded ring Climatic proofing Degree of Protection Mounting position Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Name the short of circuit reliability At 17 V DC/7 mA Max. short-circuit protective device Fuse Name 2 Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-78 PF65 (on rear) PF65	Operating frequency	Operations/h		≦ ₃₆₀₀
Climatic proofing Degree of Protection Mounting position Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Neared insulation voltage Overvoltage category/pollution degree At 17 V DC/7 mA Max. short-circuit protective device Fuse Menancy Damp heat, constant, to IEC 60068-2-30 Damp heat, cyclic, to IEC 60068-2-30 Ple6, IP67, IP69K (front)	Actuating force		n	≤ ₅
Degree of Protection Mounting position Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Rated insulation voltage Our voltage category/pollution degree At 17 V DC/7 mA Max. short-circuit protective device Fuse Damp heat, cyclic, to IEC 60068-2-30 IP66, IP67, IP69K (front) IP65 (on rear) As required As required As required A 900 A 900 A 900 III/3 III/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined Max. short-circuit protective device Fuse Damp heat, cyclic, to IEC 60068-2-30 IP66, IP67, IP69K (front) IP65 (on rear) As required A 900 A 900 A 900 III/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined	Tightening torque Threaded ring		Nm	2
Mounting position Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Rated insulation voltage Overvoltage category/pollution degree At 17 V DC/7 mA Max. short-circuit protective device Fuse IP65 (on rear) As required As required As required As required 1909 4000 4000 111/3 250 111/3 111/3 111/3 111/3 111/3 111/3 11/4 17 V DC/7 mA My/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined 111/4 111	Climatic proofing			
Mechanical shock resistance, shock duration 11 ms Contacts Rated impulse withstand voltage Rated insulation voltage Overvoltage category/pollution degree Overvoltage category/pollution degree At 17 V DC/7 mA Max. short-circuit protective device Fuse Mechanical shock resistance, shock duration 11 ms g y > 30 4000 4000 4000 111/3 250 111/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined	Degree of Protection			
Contacts Rated impulse withstand voltage Rated insulation voltage Overvoltage category/pollution degree At 17 V DC/7 mA Max. short-circuit protective device Fuse V AC 4000 III/3 V 250 IIII/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined	Mounting position			As required
Rated impulse withstand voltage Rated insulation voltage Ui V C 250 Overvoltage category/pollution degree Control circuit reliability At 17 V DC/7 mA Max. short-circuit protective device Fuse Uimp V AC 4000 III/3 III/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined	Mechanical shock resistance, shock duration 11 ms		g	> 30
Rated insulation voltage Overvoltage category/pollution degree Control circuit reliability At 17 V DC/7 mA Max. short-circuit protective device Fuse QG/GL A 250 III/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined At 17 V DC/7 mA At 17	Contacts			
Overvoltage category/pollution degree Control circuit reliability At 17 V DC/7 mA Max. short-circuit protective device Fuse III/3 III/3 N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined At 4 4	Rated impulse withstand voltage	U_{imp}	V AC	4000
Control circuit reliability At 17 V DC/7 mA Max. short-circuit protective device Fuse QG/gL A A 4 A 4	Rated insulation voltage	Ui	V	250
At 17 V DC/7 mA HF N/0: 1 failure per 17 × 10 ⁶ switching operations, statistically determined Max. short-circuit protective device Fuse gG/gL A 4	Overvoltage category/pollution degree			III/3
Max. short-circuit protective device Fuse gG/gL A 4	Control circuit reliability			
Fuse gG/gL A 4	At 17 V DC/7 mA	H _F		N/0: 1 failure per 17 \times 10 6 switching operations, statistically determined
	Max. short-circuit protective device			
Rated conditional short-circuit current Iq kA 1	Fuse	gG/gL	Α	4
	Rated conditional short-circuit current	Iq	kA	1

Switching capacity

Ovincening duputity			
Rated operational current	I _e	Α	
AC-15			
24 V	l _e	Α	4
DC-13			
24 V	I _e	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])

[AKF046011])		
Number of command positions		1
Colour button		Without button plate
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		No
Switching function latching		Yes
Spring-return		No
Supply voltage lamp	V	0
Number of contacts as normally open contact		2
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

