DATASHEET - C30C-FDR-G-K10-P65

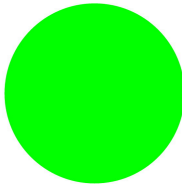**Pushbutton, Flat, maintained, 1 N/O, Cable (black) with non-terminated end, 4 pole, 3.5 m, green, Blank, Metal bezel**

EAT●N
Powering Business Worldwide™

Part no.	**C30C-FDR-G-K10-P65**
Catalog No.	**185970**

Delivery program
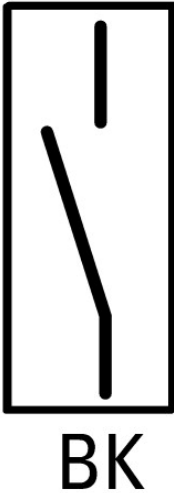
Product range			RMQ compact solution
Basic function			Pushbutton actuators
Mounting hole diameter	∅	mm	30.5
Single unit/Complete unit			Complete unit
Design			Flat
			maintained
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	3.5

Button plate

button plate			green
Button plate			
			Blank
Name			None
Degree of Protection			IP66, IP67, IP69 (front) IP65 (on rear)
Front ring			Metal bezel
Connection to SmartWire-DT			no

Contacts

N/O = Normally open			1 N/O
Contact sequence			

BN

BK

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		$\leqq 3600$
Actuating force		n	$\leqq 5$
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, IP69 (front) IP65 (on rear)
Ambient temperature			
Open		°C	-25 - +70
Storage		°C	- -30 - + 80
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/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			Cable end open
Cable Length		m	3.5
Material characteristic			PUR
Diameter	$\varnothing$	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 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		Green
Construction type lens		Round
Hole diameter	mm	30
Width opening	mm	0
Height opening	mm	0
Suitable for illumination		No
Switching function latching		Yes
Spring-return		No
Supply voltage lamp	V	0

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		Other
With front ring		Yes
Material front ring		Metal
Colour front ring		Chrome
Degree of protection (IP)		Other
Degree of protection (NEMA)		Other

Approvals

Product Standards		IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-18 and No. 94.2-15; 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

Dimensions
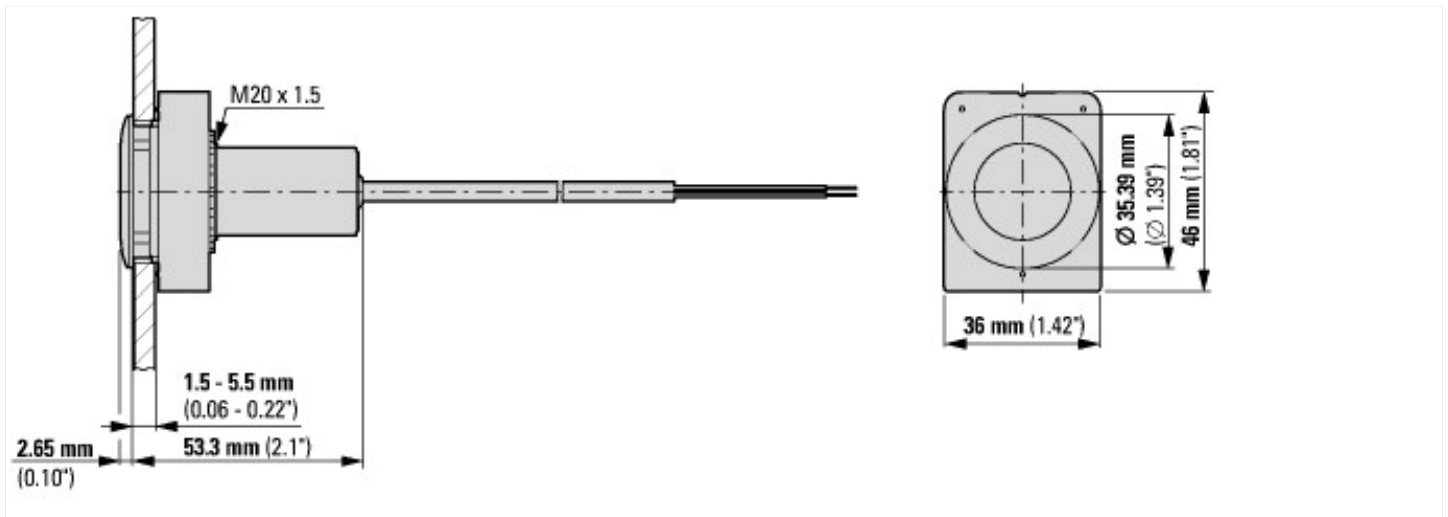
Additional product information (links)

IL047021ZU RMQ compact solution	
IL047021ZU RMQ compact solution	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL047021ZU2018_06.pdf