



Pushbutton, flat front, flush, spring-return function, 1 N/O, cable (black) with open end, 4-pole, 1 m

Part no. C30C-FD-X-K10-P62
Catalog No. 186052

Delivery program

Product range			RMQ compact solution
Basic function			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
Button plate			
button plate			Without button plate
Degree of Protection			IP66, IP67, IP69K (front) IP65 (on rear)
Front ring			Metal bezel
Connection to SmartWire-DT			no
Contacts			
N/O = Normally open			1 N/O
Contact sequence			<div>BN</div> <div></div> <div>BK</div>
Contact travel = Contact closed = Contact open			
Contact diagram			<div></div> <div>03.155.5</div>

Technical data

General			
Standards			IEC/EN 60947-5-1 VDE 0660
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/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	1
Material characteristic			PUR
Diameter	Ø	mm	4.7

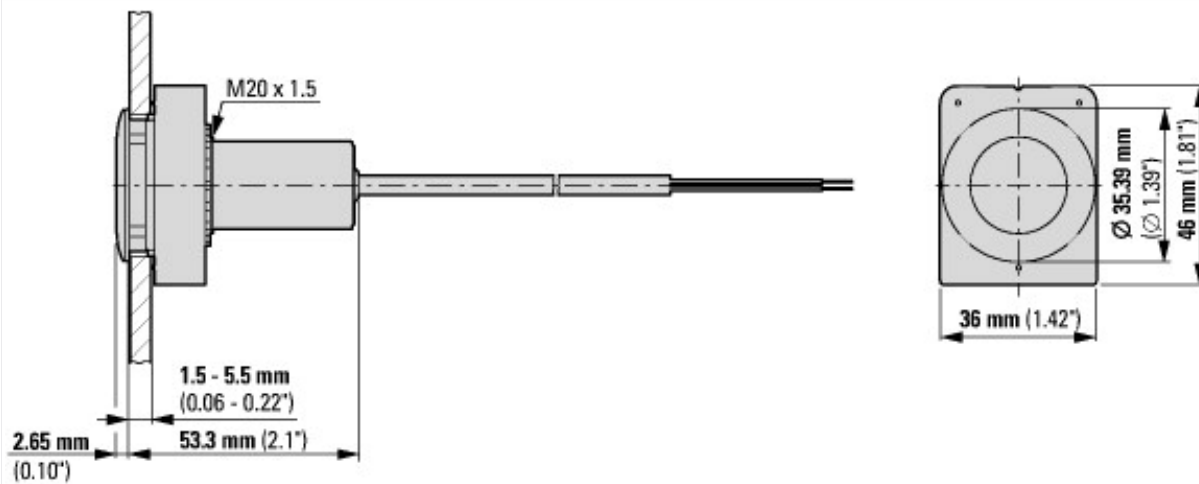
Design verification as per IEC/EN 61439

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

Technical data ETIM 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			Without button plate
Construction type lens			Round
Hole diameter		mm	30
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			No
Switching function latching			No
Spring-return			Yes
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

Dimensions



Additional product information (links)

IL047021ZU RMQ compact solution

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ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047021ZU2018_06.pdf