



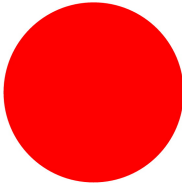



Pushbutton, classic, flat, taster, 1 N/C, red, cable (black) with m12a plug, 4 pole, 0.2 m



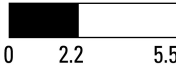
Powering Business Worldwide™

Part no. C22-D-R-K01-P1
 Catalog No. 185675

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 M12A plug, 4 pole
Cable Length		m	0.2
Button plate			
button plate			red
Button plate			
			Blank
Name			None
Degree of Protection			IP66, IP67, IP69K (front) IP65 (on rear)
Front ring			Bezel: titanium
Connection to SmartWire-DT			no
Contacts			
N/C = Normally closed			1 NC 
Notes			 = safety function, by positive opening to IEC/EN 60947-5-1
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1			
	mm		4.65
Maximum travel	mm		5.7
Minimum force for positive opening	N		15
Contact sequence			

Contact travel = Contact closed = Contact open

Contact diagram		
Positive opening (ZW)		yes

Technical data

General

Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			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, 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/C contact: statistically determined 1 failure per 0.9×10^6 Operations
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	\varnothing	mm	4.7

Design verification as per IEC/EN 61439

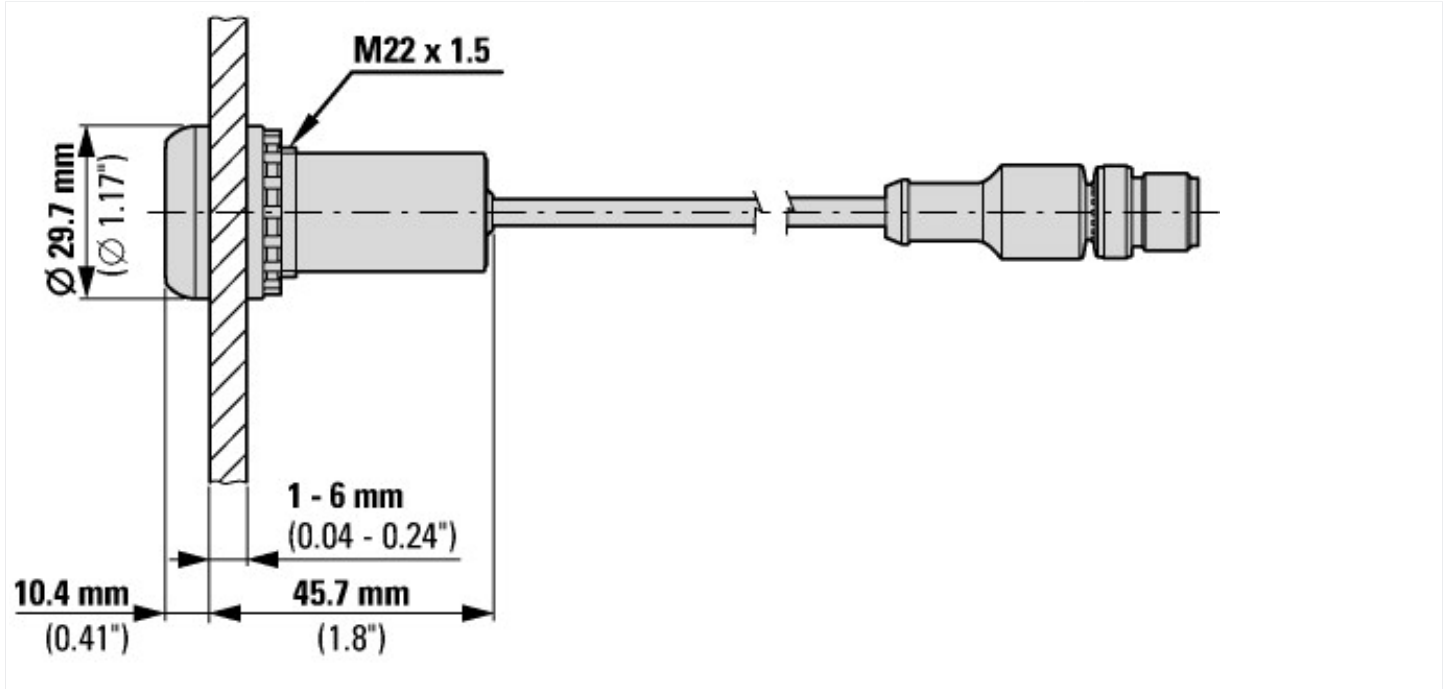
Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 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			Red
Construction type lens			Round
Hole diameter		mm	22

Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP)		Other
Type of button		Flat
Suitable for illumination		No
Switching function latching		No
Spring-return		Yes
Supply voltage lamp	V	0
Number of contacts as normally open contact		0
Number of contacts as normally closed contact		1
Number of contacts as change-over contact		0
Type of electric connection		Other
With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey

Dimensions



Assets (Links)

[Declaration of Conformity](#)

00002596

Additional product information (links)

IL047016ZU RMQ compact solution

IL047016ZU RMQ compact solution

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2017_01.pdf

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [eaton](#) manufacturer:

Other Similar products are found below :

[BK1-S506-500-R](#) [BK-MDL-3-R](#) [BK1-S506-6-3-R](#) [BK1-S506-2-R](#) [MPI4040R4-1R5-R](#) [TDC600-10A](#) [89096-015](#) [8946K153](#) [8961K155](#)
[M22-D-R-GB0/K11](#) [M22-L-R/R](#) [M22S-ST-GB12](#) [630NHG3B](#) [63ET](#) [6422](#) [6580](#) [CTX20-16-52LP-R](#) [CWL530FI](#) [CXM/CO/GP/R/BB](#)
[6HD36](#) [714125](#) [MBO-2](#) [ESR5-NO-41-24VAC-DC](#) [7314K36](#) [7321K2](#) [F02A-1-1/2A](#) [F02A-1-1/2AS](#) [F02A-1AS](#) [F02A-2AS](#) [F02A-3/4A](#)
[F03A250V12A](#) [F03B125V4A](#) [MCR-4](#) [MDA-2-8/10-R](#) [MDA-30A](#) [MDA-V-1/16](#) [F60C500V10AS](#) [F60C500V15AS](#) [7563K84](#) [7634K36](#)
[MDQ-3/16](#) [MDQ-7/10](#) [MDQ-V-1/10](#) [MDQ-V-1-1/4](#) [MDQ-V-1/16](#) [MDQ-V-1/2](#) [MDQ-V-1/4](#) [MDQ-V-3/16](#) [MDQ-V-3/8](#) [MDQ-V-6/10](#)