DATASHEET - C22S-WRK-K01

Changeover switch, With thumb-grip, maintained, 1 NC, Screw connection, 2 positions, Bezel: black

Part no.   **C22S-WRK-K01**
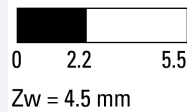**Catalog No.**   **121589**
Alternate Catalog   C22S-WRK-K01
No.

Delivery program

Product range		RMQ Compact
Basic function		Selector switch actuators
Single unit/Complete unit		Complete unit
Design		With thumb-grip
		maintained
Function:		
		⌐ 60°
Connection type		Screw connection
		2 positions
Degree of Protection		IP65
Front ring		Bezel: black
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			
			0 2.2 5.5
			Zw = 4.5 mm

Positive opening (ZW)			yes

Technical data

General

Standards			IEC/EN 60947-5-1 VDE 0660
Lifespan, mechanical	Operations	x 10^6	> 1
Operating frequency	Operations/h		≦ 2000
Operating torque		Nm	≦ 0.3
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP65
Mounting position			As required
Terminal capacities		mm^2	
Solid		mm^2	2 x 0.5 - 1.5
Flexible with ferrule		mm^2	2 x 0.5 - 1.5
Tightening torque for terminal screw		Nm	0.8

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	4000
Rated insulation voltage	U_i	V	250
Rated conditional short-circuit current	I_q	kA	1
Overvoltage category/pollution degree			III/3
Control circuit reliability			
at 24 V DC/5 mA	H_F	Fault probability	values follow

at 5 V DC/1 mA	H_F	Fault probability	values follow	

H_F = Fault probability

Max. short-circuit protective device				
Fuse	gG/gL	A	10	

Technical data ETIM 7.0

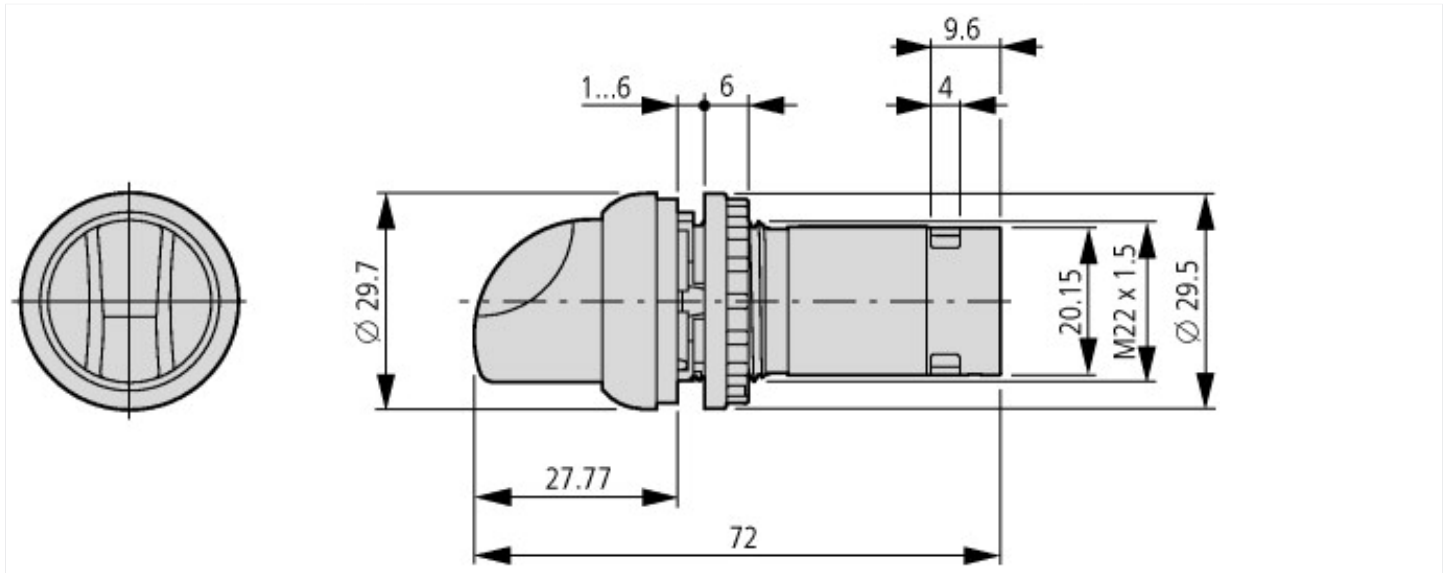Low-voltage industrial components (EG000017) / Selector switch, complete (EC001029)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss10.0.1-27-37-12-43 [ACN984011])

Number of switch positions		2
Type of control element		Toggle
Suitable for illumination		No
With light source		No
Colour button		Black
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
Degree of protection (IP)		IP65
Degree of protection (NEMA)		
Supply voltage	V	0 - 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		Screw connection
With front ring		Yes
Material front ring		Plastic
Colour front ring		Other

Approvals

Product Standards	IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-05 und 94-M91; 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
Degree of Protection	1,3R,4X,12,13

Dimensions

Additional product information (links)

IL04716025Z RMQ-Titan: compact programm

IL04716025Z RMQ-Titan: compact programm	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716025Z2019_05.pdf