DATASHEET - C22-WRS-MS7-K02



Key-operated actuator, RMQ Compact, maintained, 2 NC, Screw connection, 2 positions, MS7, Bezel: titanium



Part no. C22-WRS-MS7-K02
Catalog No. 136830

Alternate Catalog C22-WRS-MS7-K02

No.

Delivery program		
Product range		RMQ Compact
Basic function		Key-operated buttons
Single unit/Complete unit		Complete unit
		maintained
Function:		
		I.
		v² 60°
Connection type		Screw connection
		Not suitable for master key systems
		2 positions
Lock mechanism		MS7
Key withdrawable in position		
		I
		0
Degree of Protection		IP66
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/C = Normally closed		2 NC ⊕
Notes		
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	30
Contact sequence		1. 3.
Contact travel = Contact closed = Contact open		
Contact diagram		0 2.2 5.5 Zw = 4.5 mm
Positive opening (ZW)		yes
Information about equipment supplied		With 1 key

Technical data

General

Standards	IEC/EN 60947-5-1
	VDE 0660

Lifespan, mechanical	Operations	x 10 ⁶	> 0.1
Operating frequency	Operations/h		≦ 100
Operating torque		Nm	≦ 0.5
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66
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 probabilit	values follow ty
at 5 V DC/1 mA	H _F	Fault probabilit	values follow cy
Max. short-circuit protective device			

Technical data ETIM 7.0

Fuse

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])

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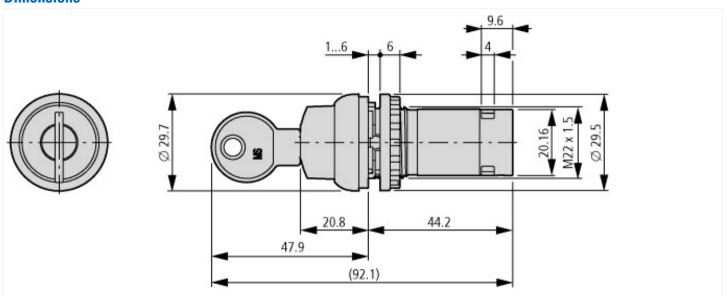
gG/gL

Type of control element Key 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 Yes Spring-return No No Degree of protection (IP) No Pef6 Degree of protection (NEMA) Yo 0 - 0 Number of contacts as normally open contact Yo 0 - 0 Number of contacts as normally closed contact Yo 0 - 0 Number of contacts as change-over contact Yo 0 - 0 Type of electric connection Yo 0 - 0 With front ring Yo 0 - 0 Material front ring Yo 0 - 0 Material front ring Yo 0 - 0 With front ring Yo 0 - 0 With front ring Yo 0 - 0 With front ring Yo 0 - 0	Number of switch positions		2
With light source Colour button Colour butto	Type of control element		Key
Colour button Hole diameter Width opening Midth	Suitable for illumination		No
Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Yes Spring-return No Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0-0 Number of contacts as normally open contact Number of contacts as change-over contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Material front ring Material front ring Middle Queen of mm 22.5 Mm o Ves Ves Ves Vo. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	With light source		No
Width opening mm 0 Height opening mm 0 Switching function latching Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Material front ring mm 0 Ves Ves No 1P66 1P66 0 0 0 0 0 0 Screw connection Ves Material front ring Plastic	Colour button		Black
Height opening mm 0 Switching function latching Spring-return Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0 - 0 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring Passic	Hole diameter	mm	22.5
Switching function latching Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0 - 0 Number of contacts as normally closed contact Number of contacts as change-over contact Vinth front ring Material front ring Yes No 1P66 0 0 0 0 0 0 Supply voltage V 0 0 Supply voltage V 0 Plastic	Width opening	mm	0
Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0 - 0 Number of contacts as normally open contact Number of contacts as change-over contact V V V V V V V V V V V V V	Height opening	mm	0
Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0-0 Number of contacts as normally open contact Number of contacts as change-over contact Vintroit ring Material front ring IP66 IP66 IP66 O C C C C C C C C C	Switching function latching		Yes
Degree of protection (NEMA) Supply voltage V 0 - 0 Number of contacts as normally open contact 0 Number of contacts as normally closed contact 2 Number of contacts as change-over contact Type of electric connection With front ring Material front ring Plastic	Spring-return		No
Supply voltage V 0 - 0 Number of contacts as normally open contact 0 Number of contacts as normally closed contact 2 Number of contacts as change-over contact 0 Type of electric connection With front ring Material front ring Plastic	Degree of protection (IP)		IP66
Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of contacts as change-over contact O Type of electric connection With front ring Material front ring Plastic	Degree of protection (NEMA)		
Number of contacts as normally closed contact 2 Number of contacts as change-over contact 0 Type of electric connection With front ring Material front ring Plastic	Supply voltage	V	0 - 0
Number of contacts as change-over contact Type of electric connection With front ring Material front ring O Screw connection Yes Material front ring Plastic	Number of contacts as normally open contact		0
Type of electric connection With front ring Yes Material front ring Plastic	Number of contacts as normally closed contact		2
With front ring Yes Material front ring Plastic	Number of contacts as change-over contact		0
Material front ring Plastic	Type of electric connection		Screw connection
	With front ring		Yes
Colour front ring Other	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

Dimensions



Additional product information (links)

IL04716025Z RMQ-Titan: compact programm

IL04716025Z RMQ-Titan: compact programm

https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716025Z2021_05.pdf