DATASHEET - C22-WS-MS8-K02



Key-operated actuator, RMQ Compact, momentary, 2 NC, Screw connection, 2 positions, MS8, Bezel: titanium



Part no. C22-WS-MS8-K02 Catalog No. 136745

Alternate Catalog C22-WS-MS8-K02

No.

Delivery program		
Product range		RMQ Compact
Basic function		Key-operated buttons
Single unit/Complete unit		Complete unit
		momentary
Function:		
		ן _{40°}
Connection type		Screw connection
		Not suitable for master key systems
		2 positions
Lock mechanism		MS8
Key withdrawable in position		
		0
Degree of Protection		IP66
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/C = Normally closed		
N/C - Normany Closed		2 NC →
Notes		e 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

delleral			
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	Ui	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 ty
Max. short-circuit protective device			
Fuse	qG/qL	Α	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 1 4 4 Type of control element 5 4 4 Suitable for illumination 6 4 6 With light source 6 4 6 Colour button 6 6 1 Hole diameter 6 6 2 2 Width opening 6 7 6 Switching function latching 6 7 6 Switching function latching 7 7 6 Spring-return 8 7 7 7 Degree of protection (IPEMA) 7 9 9 Supply voltage 9 9 9 9 Number of contacts as normally open contact 9 9 9 Number of contacts as normally closed contact 9 9 9 Number of contacts as change-over contact 9 9 9 With front ring 9 9 9 Water of contacts as change-over contact 9 9 9 Water front ring 9 </th <th></th> <th></th> <th></th>			
Suitable for illumination With light source Colour button Hole diameter Width opening Width opening Midth opening Switching function latching Spring-return Segree of protection (NEMA) Support of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of contacts as change-over contact Vidth front ring Midth for illumination No	Number of switch positions		2
With light source Colour button Colour button Colour button Hole diameter Width opening Width opening With light source Width opening Width opening With light source Width opening With light source Width opening Wind Degree of protection (IP) Degree of protection (IP) Degree of protection (NEMA) Supply voltage Number of contacts as normally closed contact Number of contacts as normally closed contact Vipe of electric connection With front ring Material front ring With light source Mind Supply With light source Mind Supply With Jeak With Igha (With Supply With Jeak With	Type of control element		Key
Colour buttonBlackHole diametermm22.5Width openingmm0Height openingmm0Switching function latchingmm0Spring-returnyesDegree of protection (IP)IP66Degree of protection (NEMA)V0 - 0Sumber of contacts as normally open contactV0 - 0Number of contacts as normally closed contactZ2Number of contacts as change-over contactZ0Type of electric connectionCYWith front ringYesYesMaterial front ringYesYesHasticYes	Suitable for illumination		No
Hole diameter Width opening Mind Width opening Mind Peight opening Witching function latching Syring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage No Vo O-O Rumber of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of electric connection With front ring Material front ring Material front ring Mind Degree of mind Mind Degree of protection (NEMA) No No No No No No No No No N	With light source		No
Width openingmm0Height openingmm0Switching function latchingmm0Spring-returnYesYesDegree of protection (IP)IP66Degree of protection (NEMA)V0 - 0Supply voltageV0 - 0Number of contacts as normally open contactY2Number of contacts as normally closed contactZ2Number of contacts as change-over contactCYType of electric connectionYesYesWith front ringYesYesMaterial front ringYesPlastic	Colour button		Black
Height opening mm 0 Switching function latching No Spring-return Yes Degree of protection (IP) P66 Degree of protection (NEMA) Yo Supply voltage V 0-0 Number of contacts as normally open contact Dumber of contacts as normally closed contact Substitute of Contacts as normally closed contact Substitute Supply voltage Y 100 Number of contacts as normally closed contact Substitute Subst	Hole diameter	mm	22.5
Switching function latching Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage Number of contacts as normally closed contact Number of contacts as change-over contact Number of contacts as change-over contact Yes Number of contacts as change-over contact Number of contacts as normally closed contact Number of contacts as normally clos	Width opening	mm	0
Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage Number of contacts as normally open contact Number of contacts as change-over contact Number of contacts as change-over contact Yes Corew connection Vith front ring Material front ring Yes IP66 V 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Height opening	mm	0
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 Number of electric connection With front ring Material front ring P66 106 107 108 109 109 109 109 109 109 109	Switching function latching		No
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 Negree of protection (NEMA) V 0 - 0 2 Quantification of the contacts as normally open contact 2 contacts as change-over contact 3 contacts as change-over contact 4 contacts as change-over contact 5 contacts as change-over contact 7 pe of electric connection Yes Naterial front ring Naterial front ring Plastic	Spring-return		Yes
Supply voltageV0 - 0Number of contacts as normally open contactC0Number of contacts as normally closed contact22Number of contacts as change-over contactC0Type of electric connectionCScrew connectionWith front ringYesMaterial front ringPlastic	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 Number of contacts as change-over contact 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 Description O Screw connection Yes Material front ring Plastic	Number of contacts as normally open contact		0
Type of electric connection Screw 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
Degree of Protection	1,3R,4X,12,13

Dimensions

