DATASHEET - C22-WS-MS5-K20



Key-operated actuator, RMQ Compact, momentary, 2 N/O, Screw connection, 2 positions, MS5, Bezel: titanium



Part no. C22-WS-MS5-K20 Catalog No. 136733

Alternate Catalog C22-WS-MS5-K20

No

Delivery program

Delivery program	
Product range	RMQ Compact
Basic function	Key-operated buttons
Single unit/Complete unit	Complete unit
	momentary
Function:	
	↓> _{40°}
Connection type	Screw connection
	Not suitable for master key systems
	2 positions
Lock mechanism	MS5
Key withdrawable in position	
	0
Degree of Protection	IP66
Front ring	Bezel: titanium
Connection to SmartWire-DT	no
Contacts	
N/0 = Normally open	2 N/O
Contact sequence	$\begin{array}{c c} & 1 & 1^3 \\ \hline & - & 1 \\ \hline & 2 & 4 \end{array}$
Contact travel = Contact closed = Contact open	
Contact diagram	0 3.15 5.5
Information about equipment supplied	With 1 key

Technical data

General

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	Ui	V	250
Rated conditional short-circuit current	Iq	kA	1
Overvoltage category/pollution degree			III/3
Control circuit reliability			
at 24 V DC/5 mA	H _F	Fault probabilit	values follow cy
at 5 V DC/1 mA	H _F	Fault probabilit	values follow ty
Max. short-circuit protective device			
Fuse	gG/gL	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 positionsSection of control elementSection of control elementSubstitution of control elementSection of control elementSection of control elementSection of control elementSection of control elementWith front ringSection of control elementSection of control elementSection of control elementSection of control elementWith front ringSection of control elementSection of control elementSection of control elementSection of control elementWith front ringSection of control elementSection of control elementSection of control elementSection of control element<	[ACN984011])		
Suitable for illuminationMoMoWith light sourceNoNoColour buttonBlackHole diametermm2.5Width openingmm0Height openingmm0Switching function latchingmm0Spring-returnmm0Degree of protection (NEMA)mm166Supply voltageV0-0Number of contacts as normally open contactMm0Number of contacts as normally closed contactMm0Number of contacts as change-over contactMm0Type of electric connectionMm0With front ringMeYesMetarial front ringMeYesHeight openingYesPlastic	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 Winding function latching Switching function latching Spring-return Degree of protection (IP) Degree of protection (IP) Degree of protection (NEMA) Supply voltage Voltage Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as normally closed contact Vitype of electric connection With front ring Material front ring No No No No No No No No No N	Type of control element		Key
Colour button Hole diameter Midth opening Mi	Suitable for illumination		No
Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching No Spring-return Degree of protection (IP) Degree of protection (NEMA) Supply voltage V 0-0 Number of contacts as normally open contact Supply	With light source		No
Width opening mm 0 Height opening mm 0 Switching function latching 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 Mith Spring Material Front ring Mate	Colour button		Black
Height opening mm 0 Switching function latching Switching function latching 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 Material front ring Michael Spring Sprin	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 normally closed contact Number of contacts as change-over contact Type of electric connection With front ring Material front ring No No 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 Number of contacts as change-over contact V 10 Type of electric connection With front ring Material front ring Yes Yes Yes Plastic	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 IP66 IP66 O 0 O 0 O 0 Screw connection Yes Material front ring Plastic	Switching function latching		No
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 Material front ring O O-	Spring-return Spring-return		Yes
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 V 0 - 0 Contacts as normally closed contact 0 Screw connection Yes 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 Number of contacts as change-over contact Type of electric connection With front ring Material front ring Number of contacts as normally closed contact O Screw connection Yes 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 Plastic	Number of contacts as normally open contact		2
Type of electric connection With front ring Yes Material front ring Plastic	Number of contacts as normally closed contact		0
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

