DATASHEET - C22-WK3-K20-P62



Changeover switch, With thumb-grip, momentary, 2 N/O, Cable (black) with non-terminated end, 4 pole, 1 m, 3 positions, Bezel: titanium



Part no.	
Catalog	No.

C22-WK3-K20-P62 186170

Delivery program			
Product range			RMQ compact solution
Basic function			Selector switch actuators
Mounting hole diameter	Ø	mm	22.5
Single unit/Complete unit			Complete unit
Design			With thumb-grip
			momentary
Function:			
			40° 🐝 40°
Connection type			Cable (black) with non-terminated end, 4 pole
Cable Length		m	1
			3 positions
Degree of Protection			IP66 (front) IP65 (on rear)
Front ring			Bezel: titanium
Connection to SmartWire-DT			no
Contacts			
N/O = Normally open			2 N/O
Contact sequence			BN WH
Contact travel = Contact closed = Contact open			
Contact diagram			0 3.15 5.5

Technical data

General			
Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Operating frequency	Operations/h		≦ 2000
Operating torque		Nm	≦ 0.3
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 (front) IP65 (on rear)
Ambient temperature			
Open		°C	-30 - +70
Storage		°C	- 30 - + 80
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms		g	> 30

Contacts

Contacts			
Rated impulse withstand voltage	U _{imp}	V AC	800
Rated insulation voltage	Ui	V	30
Overvoltage category/pollution degree			11/3
Control circuit reliability			
At 17 V DC/7 mA	H _F		N/O: 1 failure per 17×10^6 switching operations, statistically determined
Max. short-circuit protective device			
Fuse	gG/gL	А	4
Rated conditional short-circuit current	Iq	kA	1
Switching capacity			
Rated operational current	le	А	
AC-15			
24 V	I _e	А	4
DC-13			
24 V	Ι _e	А	3
Cable characteristics			
Design			Cable end open
Cable Length		m	1
Material characteristic			PUR
Diameter	Ø	mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-30
Operating ambient temperature max.	°C	70

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])

Type of control element Togle Suitable for illumination Image: Solution No With light source Black Black Colour button Image: Solution Image: Solution Hole diameter Image: Solution Image: Solution Hole diameter Image: Solution Image: Solution With opening Image: Solution Image: Solution Height opening Image: Solution Image: Solution Switching function latching Image: Solution Image: Solution Spring-return Image: Solution Image: Solution Degree of protection (IP) Image: Solution Image: Solution Supply voltage Image: Solution Image: Solution Number of contacts as normally open contact Image: Solution Image: Solution Number of contacts as change-over contact Image: Solution Image: Solution Number of contacts as change-over contact Image: Solution Image: Solution Number of contacts as change-over contact Image: Solution Image: Solution Number of contacts as change-over contact Image: Solution </th <th></th> <th></th> <th></th>			
No With light source No Colour button No Hole diameter Black With opening mm 2.5 With opening mm 0 Height opening mm 0 Switching function latching mm 0 Switching function latching mm 0 Spring-return Mm 0 Degree of protection (NEMA) Mm 0 Suphy voltage V 0 Number of contacts as normally open contact V 0 Number of contacts as normally closed contact V 0 Yue of electric connection Mm <	Number of switch positions		3
With light source No Colour button Biok Biok Colour button Mm 25 With opening mm 0 Heigt opening mm 0 Switching function latching mm 0 Synthy opening Mm 0 Spring-return Mm 0 Degree of protection (IPC) Mm 0 Supply obtage V 0 Number of contacts as normally open contact V 0 Number of contacts as change-over contact V 0 Type of electric connection Mm 0 With front ring Mm 0	Type of control element		Toggle
Clour button Image:	Suitable for illumination		No
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Switching function latching Image: Comparison of the state of t	Width opening	mm	0
Spring-return Kes Degree of protection (IP) Kes Degree of protection (NEMA) Kes Supply voltage V Other Number of contacts as normally open contact V O Number of contacts as normally closed contact Image: Spring - end (Contacts as normally closed contacts) Image: Spring - end (Contacts) Number of contacts as normally closed contact Image: Spring - end (Contacts) Image: Spring - end (Contacts) Number of contacts as change-over contact Image: Spring - end (Contacts) Image: Spring - end (Contacts) Yup of electric connection Image: Spring - end (Contacts) Image: Spring - end (Contacts) With front ring Image: Spring - end (Contacts) Yes Material front ring Image: Spring - end (Contacts) Image: Spring - end (Contacts)	Height opening	mm	0
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Number of contacts as change-over contact O Type of electric connection O With front ring Ves Material front ring Plastic	Number of contacts as normally open contact		2
Type of electric connection Other With front ring Yes Material front ring Material front ring	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		Other
	With front ring		Yes
Colour front ring Other	Material front ring		Plastic
	Colour front ring		Other

Approvals

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Product Standards	IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-18 and No. 94.2-15; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	165628

