

Changeover switch, With thumb-grip, maintained, 1 NC, Cable (black) with non-terminated end, 4 pole, 1 m, 2 positions, Bezel: titanium



Part no. C22-WRK-K01-P62 Catalog No. 186166

Product range Basic function Basic function Complete unit Design Function: Commette unit Complete unit Commette unit	Delivery program			
Mounting hole disameter Single unit/Complete unit Design Function:				RMQ compact solution
Single unit/Complete unit Design Function: Function:	Basic function			Selector switch actuators
Design Financian: Financian: Cannection type Connection type Contection Contection Degree of Protection Front ring Contacts NC = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm mm mm Maximum travel Maximum force for positive opening Contact sequence Contact sequence Contact travel = Contact closed = Contact open Contact travel = Contact closed = Contact open Contact travel = Contact closed = Contact open	Mounting hole diameter	Ø	mm	22.5
Function: Commection type	Single unit/Complete unit			Complete unit
Function: Connection type	Design			With thumb-grip
Connection type Cable Length Degree of Protection Degree of Protection Degree of Protection Front ring Connection SwartWro-DT Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Maximum travel Minimum force for positive opening Contact sequence Contact sequence Contact travel = Contact closed = Contact open Contact travel = Contact closed = Contact open				maintained
Cable Length Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT Contacts Notes Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Maximum travel Maximum force for positive opening Minimum force for positive opening Notes Contact sequence Contact travel Contact sequence Contact travel Contact sequence Contact travel Contact sequence Contact travel Contact sequence Contact sequence Contact sequence Contact travel Contact sequence Contact sequence Contact sequence Contact sequence Contact travel Contact sequence Asso	Function:			"r 60°
Degree of Protection Degree of Protection Front ring Connection to SmartWire-DT Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, Kt.5.4.1 Maximum travel Minimum force for positive opening Contact sequence Contact travel = Contact closed = Contact open	Connection type			Cable (black) with non-terminated end, 4 pole
Degree of Protection Front ring Connection to SmartWire-DT Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm 4.65 Maximum travel Minimum force for positive opening Contact sequence Contact sequence Contact travel = Contact closed = Contact open	Cable Length		m	1
Front ring Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, Maximum travel Minimum force for positive opening Contact sequence Contact travel = Contact closed = Contact open				2 positions
Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 Maximum travel Minimum force for positive opening Contact sequence Maximum travel Maximum travel Maximum travel Maximum force for positive opening Contact sequence Contact travel = Contact closed = Contact open	Degree of Protection			
Contacts N/C = Normally closed Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm	Front ring			Bezel: titanium
Notes Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm	Connection to SmartWire-DT			no
Notes Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm	Contacts			
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm	N/C = Normally closed			1 NC →
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1 mm	Notes			= safety function, by positive opening to IEC/EN 60947-5-1
Maximum travel Minimum force for positive opening Contact sequence BN BN BK Contact travel = Contact closed = Contact open				
Minimum force for positive opening Contact sequence BN BN BK Contact travel = Contact closed = Contact open		mm		4.65
Contact travel = Contact closed = Contact open	Maximum travel	mm		5.7
BN L4 BK Contact travel = Contact closed = Contact open	Minimum force for positive opening	N		15
0 2.2 5.5 Zw = 4.5 mm				

Positive opening (ZW) yes

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

Rated insulation voltage	Ui	V	30
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H _F		N/C contact: statistically determined 1 failure per 0.9 $\times10^6$ Operations
Max. short-circuit protective device			
Fuse	gG/gL	Α	4
Rated conditional short-circuit current	I_q	kA	1

V AC 800

Switching capacity

	Rated operational current	l _e	Α	
	AC-15			
	24 V	l _e	Α	4
	DC-13			
	24 V	l _e	Α	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])

[ACN304011])		
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)		Other
Degree of protection (NEMA)		Other
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		Other
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. 14-18 and No. 94.2-15; 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

