

ITEM 028440 KES13Z

Description	Technical data	Accessories	Downloads
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Features

- › Front panel installation according to IEC 947-5-1 D22
- › 1 to 8 actuating directions, 4 switching elements. Stayput switch, spring return switch or combined
- › One changeover contact with tab connector 2.8 x 0.5 IEC 760 for each actuating direction
- › Center position switch

Approvals



Mechanical values and environment

Material	
	Housing thermoplastic
	Switching lever stainless steel

		Bellows elastomer black ^[1]
Weight		
	Net	0,1 kg
Ambient temperature		-25 ... 65 °C
Degree of protection		IP65 on the front with bellows
Mechanical life		1 x 10 ⁶
Contact material		Silver alloy
Switching principle		changeover contact C IEC 947-5-1 ^[2]
Center-position switch		1 changeover contact ^[3]
Mounting method		IEC 947-5-1 D22 ^[4]
Number of monitoring contacts		2+1 ^[5]
Connection		Tab connector 2.8x0.5 IEC760
Actuating directions		2 ^[6]

Electrical connection ratings

Utilization category according to EN 60947-5-1		
	AC-15	230V 4A
	DC-13	24V 2A
Short circuit protection according to IEC 60269-1		T10 / F20
Rated insulation voltage U _i		250 V
Rated impulse withstand voltage U _{imp}		2,5 kV
Switching voltage		min.10 V
Switching current		
	(at 24V)	min.12 mA

^[1] PAK arm

^[2] Snap-action contact element, design ES587

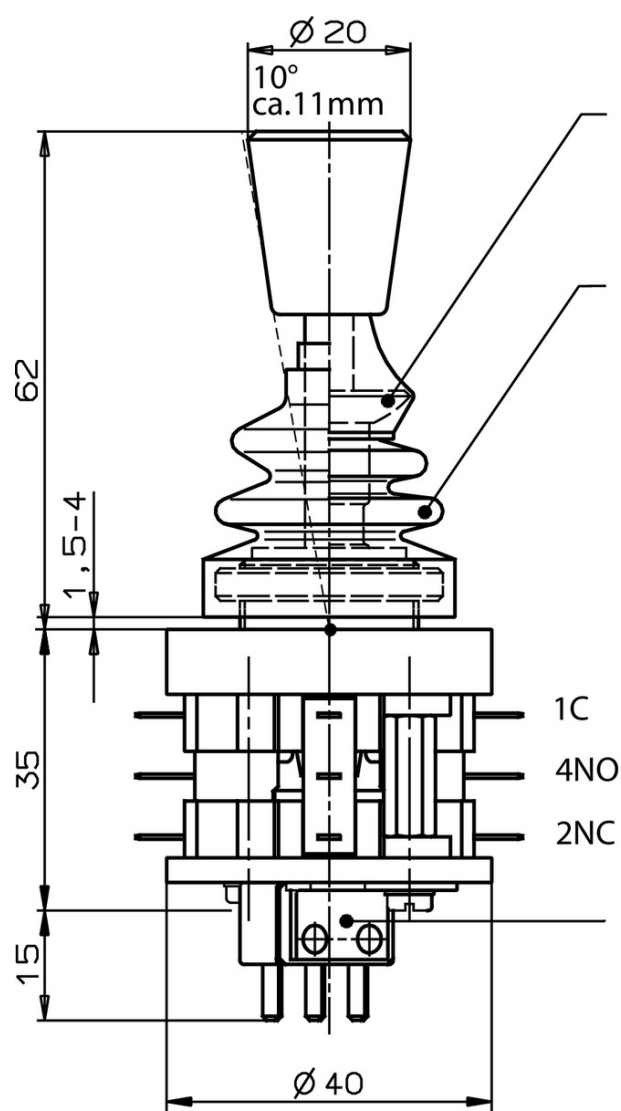
^[3] In neutral position (not actuated) NO contact closed, NC contact open

^[4] (Bore 22.5)

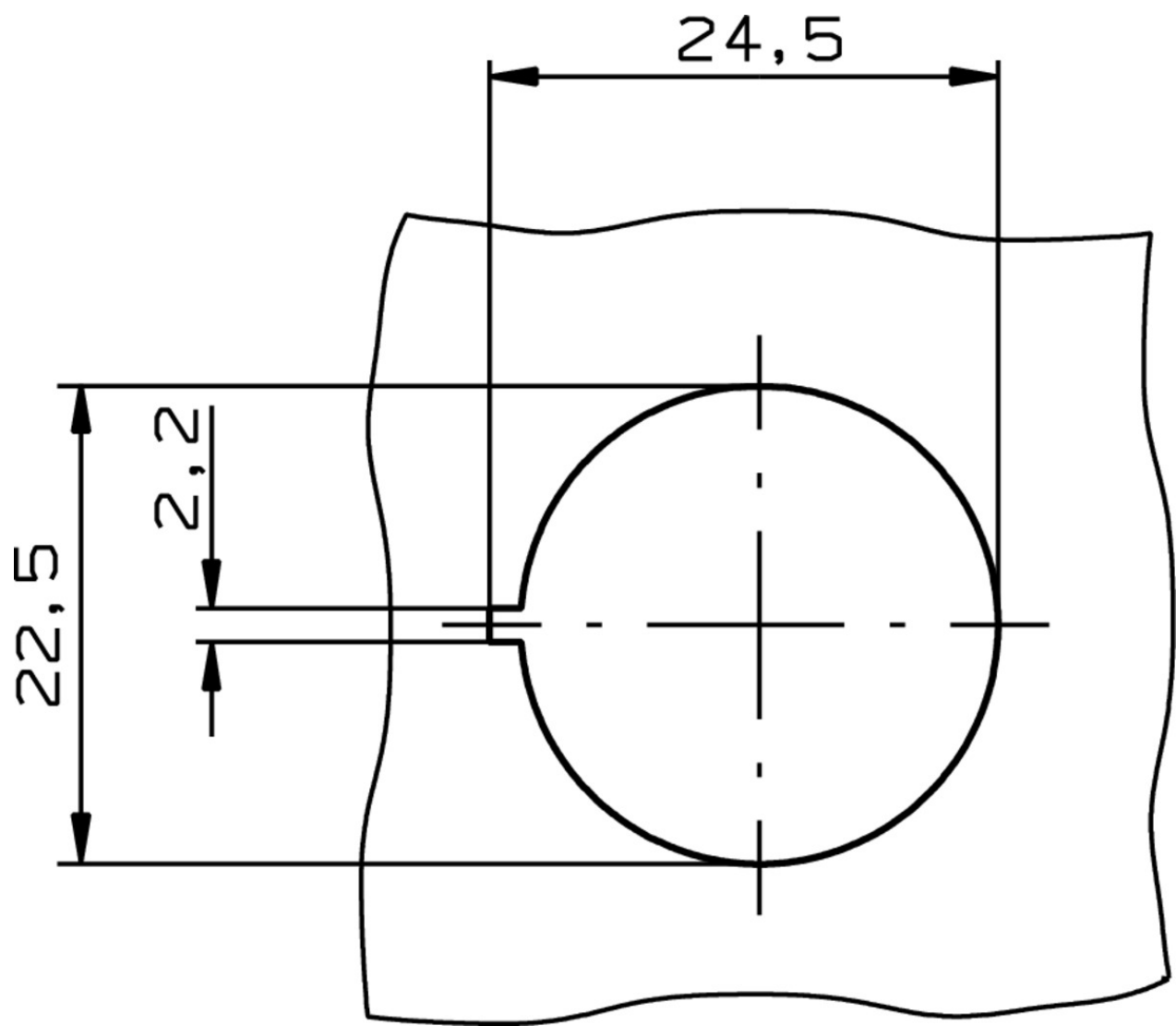
^[5] 2 directions

^[6] Switch

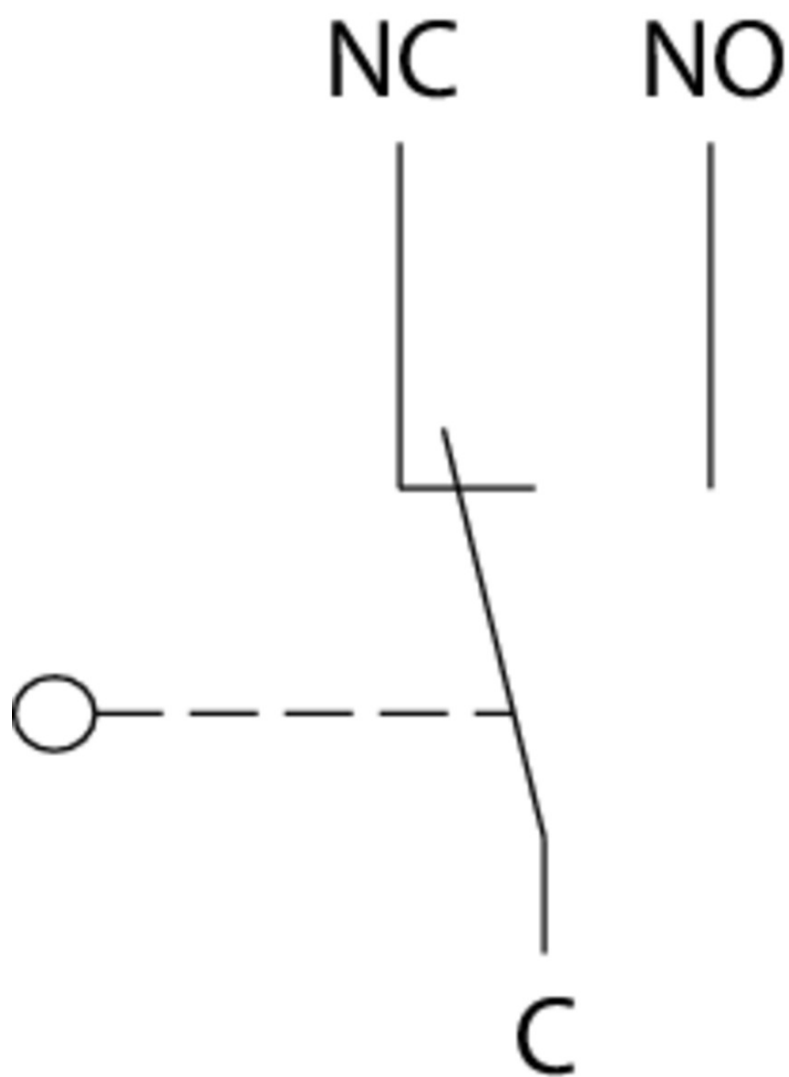
Dimension drawing



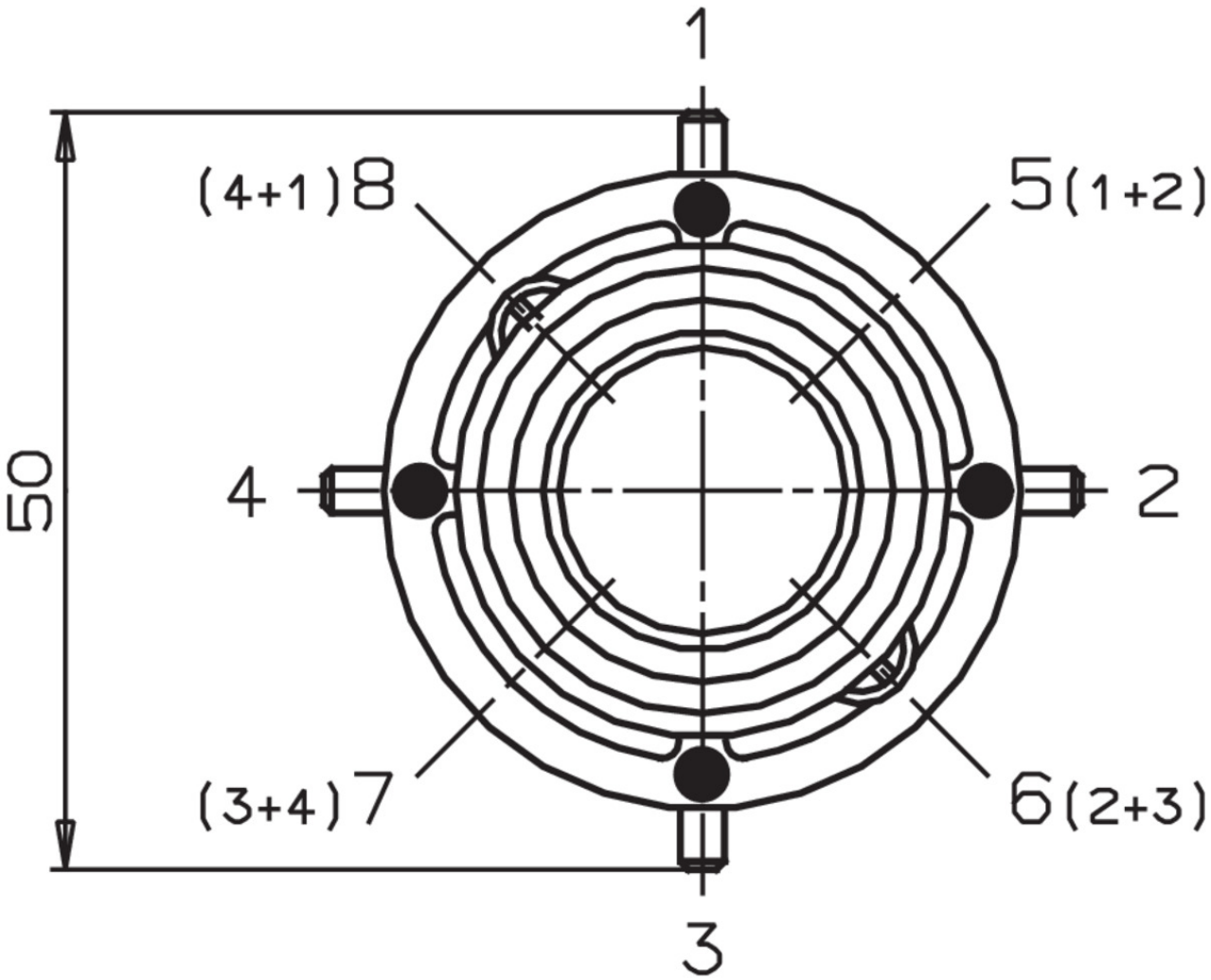
Dimension drawing



Wiring diagram



Switching functions



Catalogs

Einhebel-Befehlsgeräte Joystick Switches Manipulateurs Manipuladores

	Doc. no.	Version	Language	Download
Einhebel-Befehlsgeräte	076614	13-06/16		1.2 MB
Manipulateurs	111527	13-06/16		1.2 MB
Manipuladores	111528	13-06/16		1.2 MB
Joystick Switches	076654	13-06/16		1.2 MB

Declaration of conformity

EU-Konformitätserklärung

Doc. no.	Version	Language	Download
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EU-Konformitätserklärung	2108566	05-03/17		 0.2 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				

CAD data

CAD data for this item on TraceParts