

## ITEM 091098 ZSE2-4C1801

Description	Technical data	Accessories	Downloads
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### Features

- › 3-stage function
- › 30.5 mm installation dimension
- › With spacer for installation in enabling switch housing G2 or G3

### 3-stage function

Enabling function is active only in the second stage (middle position, actuating point). If the pushbutton is released or pushed further (panic function), the enabling is removed (dependent on the wiring, see function sequence).

### Switching element

220 2NO + 2NC ⊕

### Approvals



## Mechanical values and environment

Material	Cap	Elastomer PAK arm, black
Housing material		Plastic, color black
Weight	Net	0,1 kg
Ambient temperature		-5 ... 60 °C
Degree of protection	On the front Connections	IP65 IP00
Mechanical life	Position 1-2-1 Position 1-2-3-1	cyclesmin.0,1 x 10 <sup>6</sup> cyclesmin.0,1 x 10 <sup>6</sup>
Switching principle		Slow-action contact element
Mounting method		IEC 947-5-1 D30 [1]
Installation position		Any
Number of positively driven contacts		2
Number of NO contacts		2
Connection		Tab connector 2.8 x 0.8 IEC 760 + soldered connection

## Electrical connection ratings

Rated conditional short-circuit current		100 A
Utilization category according to EN 60947-5-1	AC-15 DC-13	4A 230V 3A 24V
Short circuit protection according to IEC 60269-1		4A gG
Rated insulation voltage U <sub>i</sub>		250 V
Rated impulse withstand voltage U <sub>imp</sub>		2,5 kV
Switching voltage	at 10mA	min.12 V
Switching current	at 24V	min.1 mA
Degree of contamination (external, according to EN 60947-1)	Industry	3

## Miscellaneous

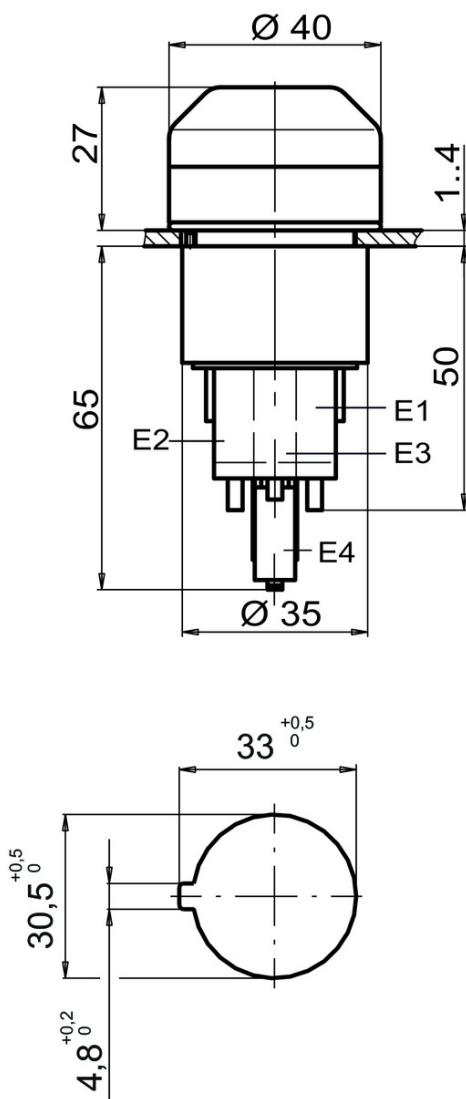
C number	C1801	Fiat [2]
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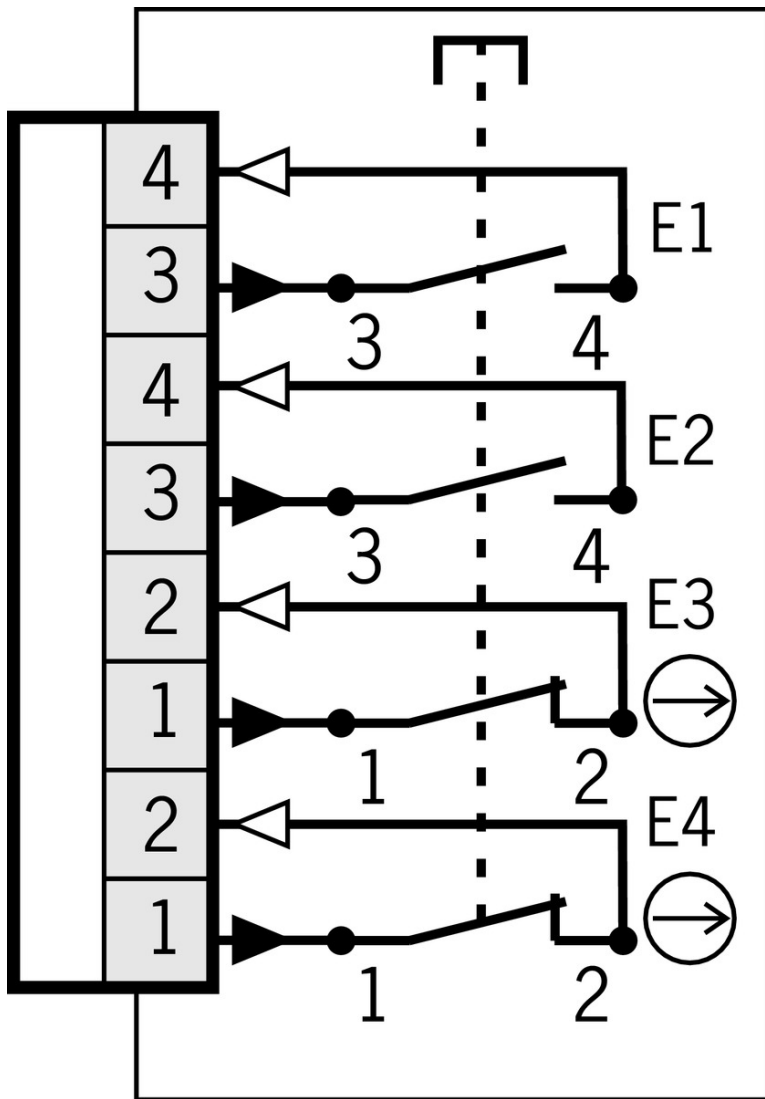
**Reliability values acc. to EN ISO 13849-1**

	Enabling switch
B10 <sub>D</sub>	$0,5 \times 10^6$

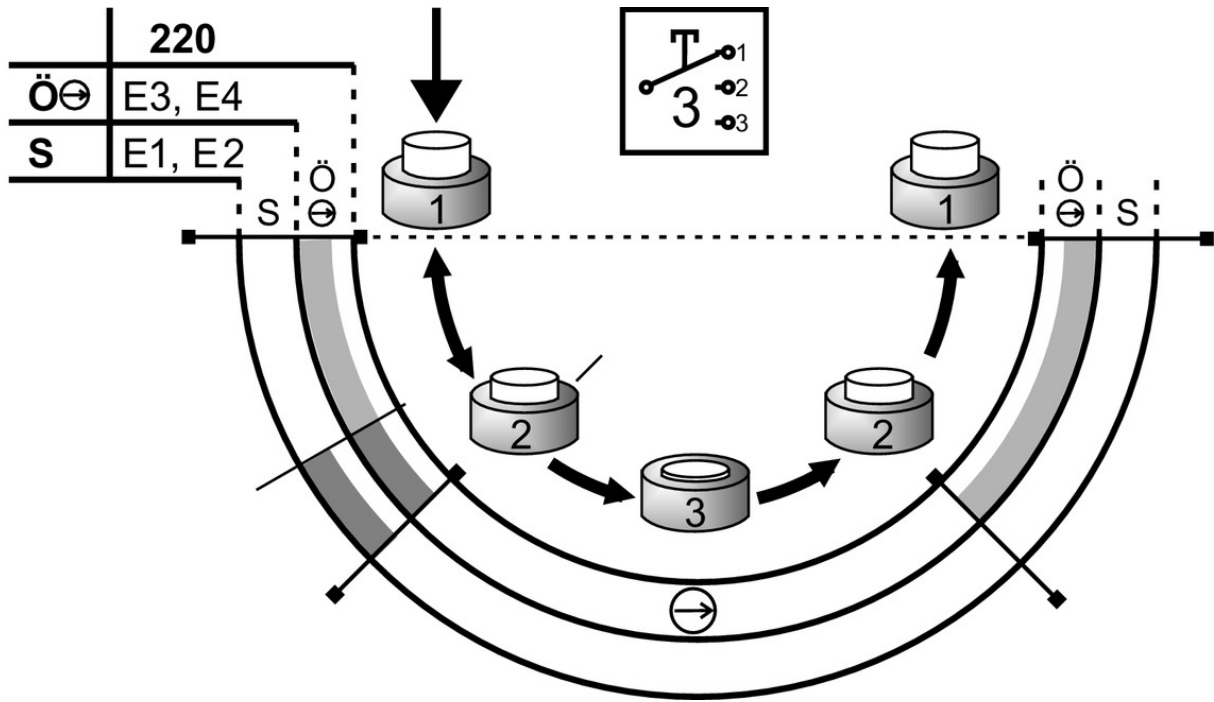
[1] (Bore 30.5)

[2] For installation in ZSB housing G3 (pilot 20), by means of additional spacer ring under fixing nut and shortened switching element connections the length from the control panel (installation depth) is shortened by 20mm

**Dimension drawing**



## Travel diagram



## Legende

- open
- closed
- closed, enabling




## Instructions

- Betriebsanleitung Zustimmtaster ZSE

	Doc. no.	Version	Language	Download
Betriebsanleitung Zustimmtaster ZSE	092780	03-12/13		0.4 MB
Manual de instrucciones del pulsador de validación ZSE				
Mode d'emploi de la commande d'assentiment ZSE				
Istruzioni di impiego del pulsante di consenso ZSE				
Manual de instruções da chave enable ZSE				
Operating Instructions Enabling Switch ZSE				
Návod k použití potvrdzovacího tlačítka ZSE	092780	03-12/13		0.2 MB







## Catalogs

- Enabling switches ZS Commandes d'Assentiment ZS Zustimmtaster ZS

	Doc. no.	Version	Language	Download
Zustimmtaster ZS	095689	08-07/18		 9.1 MB
Commandes d'Assentiment ZS	097367	08-07/18		 4.9 MB
Enabling switches ZS	095690	08-07/18		 4.9 MB

## Declaration of conformity

### EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung	2109392	04-11/16		 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