



### 3ZNA KEY SWITCH

The main use of the 3ZNA key switch is in electrically powered vehicles where the supply voltage is typically switched on and off. When the key is turned to the ON position, the three 6.3 x 0.8 flat-blade terminals on the base are connected. The key can only be removed in the OFF position. The key bow can come in different colours and with customised logos.

- Two key positions (OFF – ON)
- Key can only be removed in the OFF position
- Current-carrying capacity up to 16 amperes
- Four different lock cylinders
- Three 6.3 x 0.8 mm flat-blade terminals
- For mounting hole with a diameter of 22.5 mm
- Protection class: IP 23 (front)

# Electromechanical switches

**Normally open (NO):** In the neutral position the contacts are separated. If the key is turned clockwise, the contacts close. In doing so, the three connectors are connected electrically.

**Normally closed (NC):** In the neutral position the contacts are closed. If the key is turned clockwise, the three contacts are separated.

## Customer-specific

- Key with text and plastic casing in different colours



Technical data	
Contact transfer resistance	< 25 mΩ
Ampacity	16 A
Switchable load at cycle < 1 min	50 W according to DIN EN 60947-5-1
Switching voltage	12 V to 80 V
Electrical interfaces	Flat tabs 6.3 mm x 0.8 mm
Mechanical service life	100,000 switching cycles
Size	Ø 29 mm, height 47 mm
Mounting hole	Ø 22.5 mm
Actuation force	Less than 0.6 Nm; detent
Fixing	Via front ring with 22 mm thread
Housing colour	Black
Operating temperature	-40°C to +80 °C
Degree of protection according to DIN 40050	IP 23 front side

Key-operated switch order data	
Part No.	Designation
3106-00501A00	Closure 501
3106-00502A00	Closure 502
3106-00503A00	Closure 503
3106-00530A00	Closure 530

Key order data	
Part No.	Designation
3120E00501-00	Black coated, closure 501
3120E00502-00	Black coated, closure 502
3120E00503-00	Black coated, closure 503
3120E00530-00	Black coated, closure 530

## Dimensions [mm]

