



VIARO KEY SWITCH

Due to its exclusive design and its technical functions, the VIARO key switch serves as the ideal access control system for vehicles and machinery. The laser-cut (sidewinder) key blade harmonises perfectly with the design of the key bow and, furthermore, provides protection against manipulation.

The key bow can come in different colours and with customised logos. The VIARO key switch is also available as an ignition switch.

- Laser-cut (sidewinder) key blade
- Two independent switch contacts
- Four 6.0 x 0.8 mm flat-blade terminals
- Current-carrying capacity: 16 ADC
- Either two or three key positions are possible (OFF – ON1 – ON2)
- Key can only be removed in the OFF position
- Different contact switching sequences possible
- Different closure types available
- Customized logos on the key bow possible
- Also available as an ignition switch with return mechanism
- Protection class: IP 54 (front)



Technical data

Electrical data

Rated operating voltage	12.0 VDC – 80.0 VDC
Ampacity	21 A
Switching current with cycle < 1 min.	16 A
Connection	Flat connector 6.3 x 0.8 mm

Operating conditions

Ambient temperature	-40°C to +85°C
Service life	150,000 cycles
Degree of protection, front	IP 54
Degree of protection, connection-side	IP 00

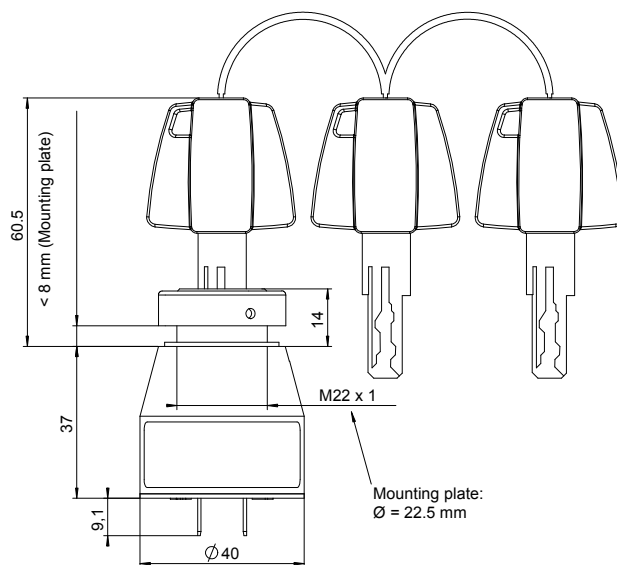
Special versions

- Customer-specific key grip possible
- Colours can be customised

Order data

Part No.	Designation
3106-00102NO2	2-stage, NO
3106-00104CO2	2-stage, changeover contact
3106-00105NO1	1-stage, NO

Dimensions [mm]



Switching sequence

Position	3106- __ NO1	3106- __ CO2	3106- __ NO2	3106-00275-00
0	1 – 2 OFF 3 – 4 OFF	1 – 2 OFF 3 – 4 OFF	1 – 2 OFF 3 – 4 OFF	1 – 2 OFF 3 – 4 OFF
1	1 – 2 ON 3 – 4 ON	1 – 2 OFF 3 – 4 ON	1 – 2 ON 3 – 4 OFF	1 – 2 ON/ignition 3 – 4 OFF
2	– –	1 – 2 ON 3 – 4 OFF	1 – 2 ON 3 – 4 ON	1 – 2 ON 3 – 4 ON/start up, springs back into position 1