

VIARO KEY SWITCH

Due to its exclusive design and its technical functions, the VIAROkey 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)



Electromechanical switches





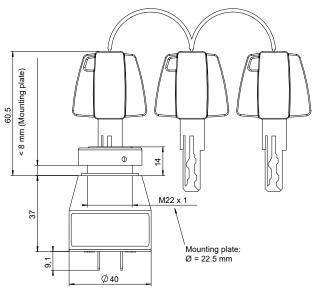
Technical data				
Electrical data				
Rated operating voltage	12.0 VDC - 80.0 VDC			
Ampacity	21 A			
Switching current with cycle	16 A			
< 1 min.				
Connection	Flat connector 6.3 x 0.8 mm			
Operating conditions				
Ambient temperature	-40°C to +85°C			
Service life	150,000 cycles			
Degree of protection, front	IP 54			
Degree of protection,	IP 00			
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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	1 – 2 ON	1 – 2 OFF	1 – 2 ON	1 – 2 ON/ignition
	3 – 4 ON	3 – 4 ON	3 – 4 OFF	3 – 4 OFF
2	_	1 – 2 ON	1 – 2 ON	1 – 2 ON
	_	3 – 4 OFF	3 – 4 ON	3 – 4 ON/start up, springs back into position 1