



## SHGV/ESS21S2/200/103

- Use in applications without dangerous run-on movements resp. run-on movements less than the key transfer time
- HS locking system-compatible versions possible
- Key switch including mounting flange and contact element

## Data

### Ordering data

EAN (European Article Number)	4030661471877
eCl@ss number, Version 9.0	27-37-12-43
eCl@ss number, Version 11.0	27-37-12-43
ETIM number, version 6.0	EC001029

### Approval - Standards

Certificates	TÜV cULus CCC
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### General data

Standards	IEC 60947-5-1 EN ISO 14119 IEC/EN 60947-1
Versions	Key - Selector switch - Front plate mounting
Installation conditions (mechanical)	arbitrarily

Sealing type	Membrane Lip gaskets Form seals
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Material of the cylinder lock	Steel
Material of the front ring	Aluminium
Colour of the cylinder lock	Silver
Colour of the Contact element	Black
Colour of the front ring	Silver
Colour of key head	Silver
Gross weight	136 g

## General data - Features

Latching	Yes
Fully insulated	Yes
Number of auxiliary contacts	1
Number of plunger	1
Number of switch positions	2

## Mechanical data

Unlocking	Rotating unlatcher
Key withdrawal position	Position I 90°
Latching position	right
Mechanical life, minimum	100,000 Operations
Mounting	mounting flange
Tightening torque of the screw	0.6 Nm
Key number	CODE_KEY_NUMBER200

## Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.5 mm <sup>2</sup> , rigid 0.5 mm <sup>2</sup> , flexible
Cable section, maximum	2.5 mm <sup>2</sup> , rigid 2.5 mm <sup>2</sup> , flexible
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Tightening torque of Clips	1 Nm

## Mechanical data - Dimensions

Length x Width x Height	Height with key (and contact element): 60 mm (119 mm)
Diameter of the front ring	29.5 mm
diameters for the cylinder lock	22 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1 mm
Thickness of the front panel, maximum	6 mm
Spacing	40 x 50 mm

## Ambient conditions

Degree of protection	IP65
Degree of protection of the switch rooms	IP40
Degree of protection of clips or terminals	IP20
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+75 °C
Resistance to shock	110 g / 4 ms
Resistant to vibration	Resistance to vibration: 20 g / 10...200 Hz

## Ambient conditions - Insulation value

Rated insulation voltage $U_i$	400 V
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## Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	8 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	5 A
Suitable for low-voltages	$\geq 5 \text{ V} / \geq 3.2 \text{ mA}$
Switching element	NC contact, NO contact
Switching principle	Slow action
Bounce duration, maximum	5 ms
Switching frequency	5 /h

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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