

SKC



In terms of lengths, the SKC safety position switch is the 15 mm shorter variant of the SK. This makes it the right choice for confined installation conditions.

The SKC otherwise offers the same advantages as the SK: Industrial standard with particular emphasis on safety, personal protection and a variable actuator head with two actuator openings.

Other decisive advantages include:

- **Different actuating forces:**

Corresponding to your specific application, in addition to the standard 10 N, you can also choose an actuating force of 5, 20, 30 or 50 N.

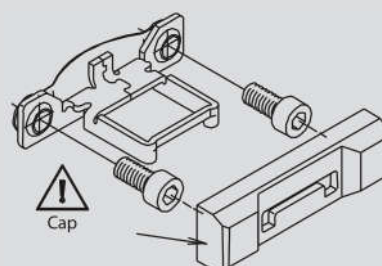
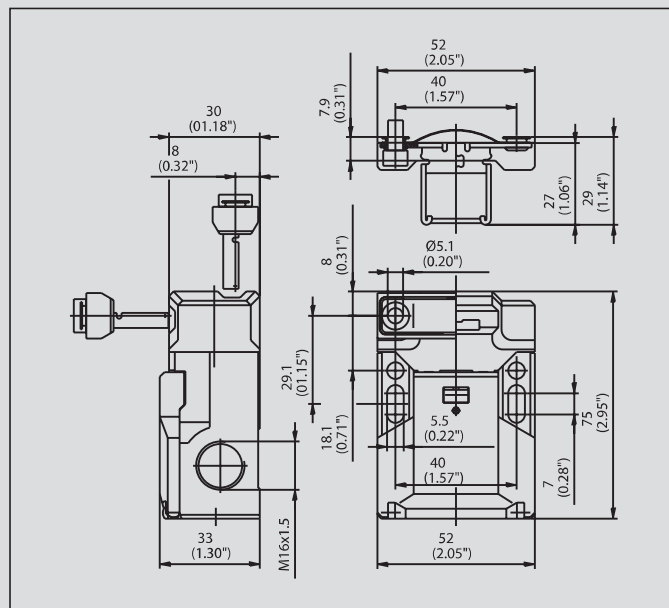
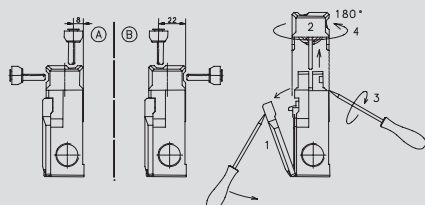
Actuating forces from 30 to 100 N can be realised with the aid of additional components that are mounted on the outside of the switch.

- **Anti-tamper facility:**

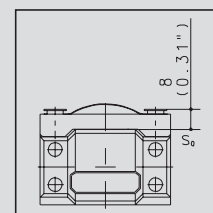
The switching system is protected by multiple coding to ensure enhanced safety of your application.

- **Outstanding handling:**

With the two slots you can easily adjust the SKC safety switch and lock it in position by means of the two holes accessible from the top or the two holes accessible from the front. The switch can be wired from three different sides. A transparent cover prevents foreign particles from entering the contact space while connecting the power supply cable.



R_{min} 150 mm (5.9")
Actuator: Metal



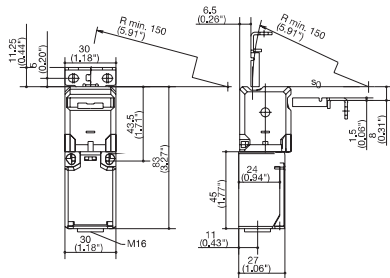
Technical data

Electrical data		
Rated insulation voltage	U _i max.	250 V AC
Rated operating voltage	U _e max.	240 V
Conventional thermal current	I _{the}	5 A
Utilization category	AC-15, U _e / I _e 240 V / 1.5 A	
Mechanical data		
Switching frequency	≤ 30/min.	
Mechanical service life	1 x 10 ⁶ switching cycles	
B10d (up to) ^①	2 Mill.	
Short-circuit protection	Fuse 6 A gL/gG	
Protection class	II, Insulated	
Ambient temperature	-30 °C ... + 80 °C	
Protection class	IP65 conforming to IEC/EN 60529	
Type of connection	Screw connections	
Conductor cross sections	Single-wire 0.5 – 1.5 mm ² or Stranded wire with ferrule 0.5 – 1.5 mm ²	
Enclosure	Thermoplastic, glass fibre-reinforced (UL94-V0)	
Cable entry	3 x M16 x 1.5	
Standards		
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1		
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1		

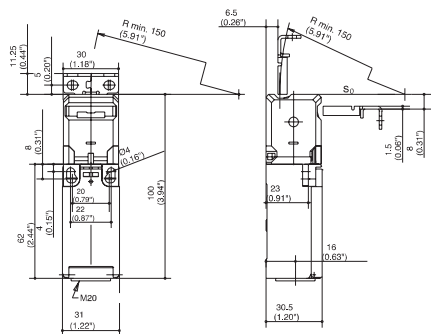
① Depending on switching system. See Table on Pages 72 – 75.

Safety Switches with Separate Actuator

SKT



SKI



Switching operation	Standard	High actuating force	Radius actuation	Standard	High actuating force	Radius actuation
1 NC / 1 NO contact	6016419059 SKT-U1Z M3			6016819052 SKI-U1Z M3	6016819139 SKI-U1Z FI50 M3	6016819123 SKI-U1Z MRU
1 NC contacts						
2 NC contacts	6016469066 SKT-A2Z M3			6016869056 SKI-A2Z M3		6016869122 SKI-A2Z MRU
2 NC / 1 NO contact Overlapping				6016869058 SKI-UV15Z M3	6016869145 SKI-UV15Z FI50 M3	6016869131 SKI-UV15Z MRU
Approvals						

Special features / variants (on request)

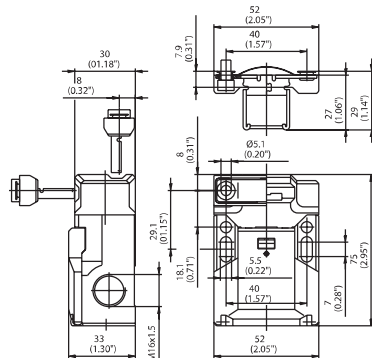
- Replacement actuator for:
3112850340

Special features / variants (on request)

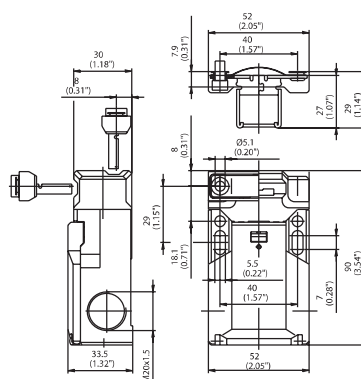
- Replacement actuator for:

Standard	3112850340
High actuating force	3112850340
Radius actuation	3911452058

SKC



SK



Standard High actuating force Radius actuation

Standard High actuating force Radius actuation

6016169039 SKC-A1Z M
6116169016 SKC-A1Z F30 M
6016169087 SKC-A1Z MRU

6016119016 SK-U1Z M
6116119109 SK-U1Z F30 M
6016119084 SK-U1Z MRU

6016169036 SK-A2Z M
6016169053 SK-A2Z F30 M
6016169085 SK-A2Z MRU

6016169026 SK-UV15Z M
6016169061 SK-UV15Z F30 M
6016169086 SK-UV15Z MRU



Special features / variants

(on request)

- 50 N and 100 N actuating force on request
- Replacement actuator for:

Standard	3911452116
High actuating force	3911451914
Radius actuation	3911452058

Special features / variants

(on request)

- 100 N actuating force on request
- Replacement actuator for:

Standard	3911452116
High actuating force	3911451914
Radius actuation	3911452058