# SAFETY HINGE SWITCH SPH1

SPH1X22CMC
Safety hinge switch SPH1, 2 NC+2 NO, M12 connector



- Durable plastic body
- 2NC+2NO
- M12 connector (8-pole)

**PRODUCT DESCRIPTION**

Comepi has created a new hinge with multiple integrated circuit which can suit all applications where high security is combined with a modern and sophisticate design. Thanks to its small sizes and numerous mounting options and connection (cable/connectors), the device is easily installed on most common aluminium profiles (minimum width 30 mm.). Its installation is also facilitated by the integration of a safety switch integrated into a single body, thus avoiding the need to separately install a mechanical hinge and a safety switch connected via a special pin.

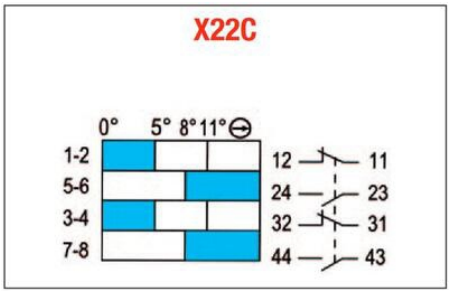
The use of stainless steel components and the degree of protection IP67 permit the hinge to be subjected to frequent washing and to be used in environments where cleanliness and hygiene require maximum attention

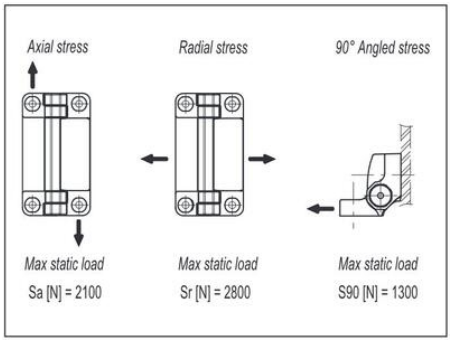
## Operating diagram

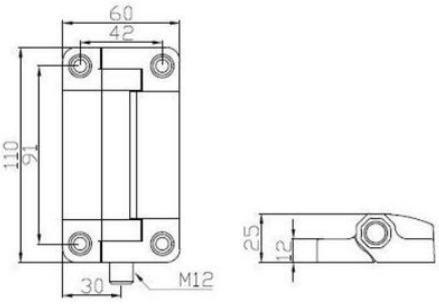
| X22C |
|---|
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| Kosketin kiinni  Kosketin auki |

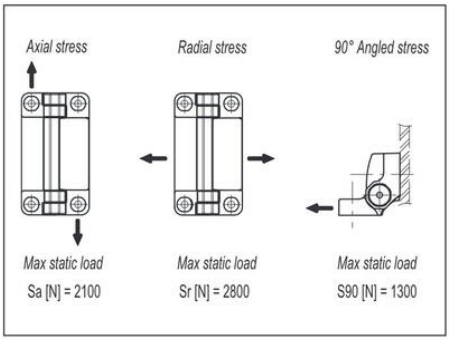
# SPECIFICATIONS

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|---|---|
| **Contact type** | 2 x N/O & 2 x N/C |
| **IP Class** | IP67 |
| **Temperature range from** | -20 °C |
| **Temperature range to** | 80 °C |


X22C
0°
5°
8°
11°
1-2
5-6
3-4
7-8
12
11
24
23
32
31
44
43


Axial stress
Radial stress
90° Angled stress
Max static load
Sa [N] = 2100
Max static load
Sr [N] = 2800
Max static load
S90 [N] = 1300


60
42
110
91
30
M12
25
12


Axial stress
Radial stress
90° Angled stress
Max static load
Sa [N] = 2100
Max static load
Sr [N] = 2800
Max static load
S90 [N] = 1300