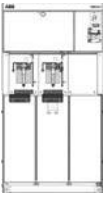
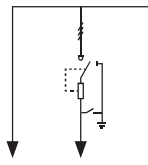
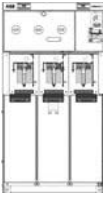
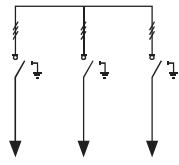
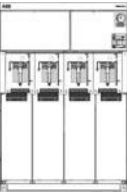
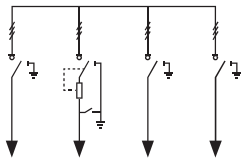
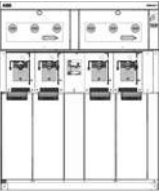


# Technical data

| Electrical Data <sup>1</sup>        |                 | Ring Switch    |                 | Switch Fuse    |                 |
|-------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|
|                                     |                 | Main Switch    | Earthing Switch | Main Switch    | Earthing Switch |
| Rated Voltage                       | Ur              | 12 kV          | 12 kV           | 12 kV          | 12 kV           |
| Frequency                           | Fr              | 50 Hz          | 50 Hz           | 50 Hz          | 50 Hz           |
| Rated Current                       | Ir              | 630 A          |                 | See note 2     |                 |
| Lightning Impulse Withstand Voltage | Up              | 95 kV / 110 kV |                 | 95 kV / 110 kV |                 |
| Short-Time Withstand current        | I <sub>tk</sub> | 21 kA          | 21 kA           |                | 3,15 kA         |
| Duration of Short Circuit           | t <sub>tk</sub> | 3 s            | 3 s             |                | 3 s             |
| Short Circuit Making Current        | I <sub>ma</sub> | 52.5 kA        | 52.5 kA         |                | 7.9 kA          |
| Number of Load Break operations     | n               | 100            |                 | 100            |                 |
| Power Frequency Withstand Voltage   | U <sub>d</sub>  | 28 kV / 32 kV  |                 | 28 kV / 32 kV  |                 |
| Electrical Endurance Class          | Er              | E3             | E2              |                | E2              |

SafeLink 2 is manufactured and tested in accordance with the latest edition of the following IEC regulations.  
 IEC 62271-1, IEC 62271-102, IEC 62271-105, IEC 62271-200, IEC 60265-1 (1998-01), IEC 60137 (1995-12),  
 IEC 60529 (1989-11), IEC 62271-206

1 General Ratings @ 1.1bar abs SF<sub>6</sub> Pressure  
 2 Dependent on fuse current rating.

| Function  | Configuration   |      | Height<br>mm             | Width<br>mm              | Depth<br>mm            | Weight<br>kg           |
|---|---|------|--------------------------|--------------------------|------------------------|------------------------|
| 2-Way   | DC  | DF   | 1350 / 1380 <sup>1</sup> | 705 / 810 <sup>1</sup>   | 700 / 838 <sup>1</sup> | 300 / 420 <sup>2</sup> |
|  |  |      |                          |                          |                        |                        |
| 3-Way   | CFC   | CCC  | 1350 / 1380 <sup>1</sup> | 705 / 810 <sup>1</sup>   | 700 / 838 <sup>1</sup> | 300 / 420 <sup>2</sup> |
|  |  |      |                          |                          |                        |                        |
| 4-Way   | CCCC  | CFCC | 1350 / 1380 <sup>1</sup> | 910 / 1015 <sup>1</sup>  | 700 / 838 <sup>1</sup> | 320 / 453 <sup>2</sup> |
|  |  |      |                          |                          |                        |                        |
|  | CFCF  |      | 1350 / 1380 <sup>1</sup> | 1130 / 1235 <sup>1</sup> | 700 / 838 <sup>1</sup> | 400 / 550 <sup>2</sup> |

#### Configuration types:

C - Cable switch connection    D - Direct cable connection    F - Switch-fuse connection

1 Outdoor enclosure

2 Weight with SafeLink Automation box and outdoor enclosure.