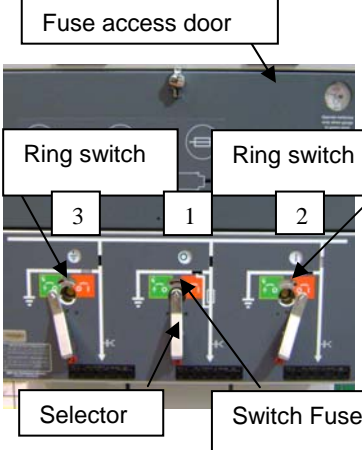
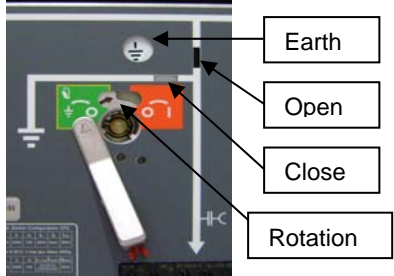
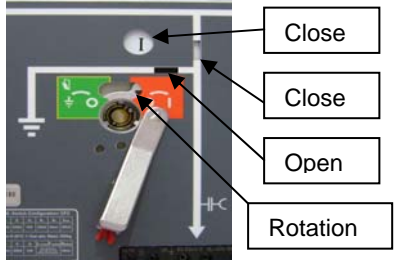
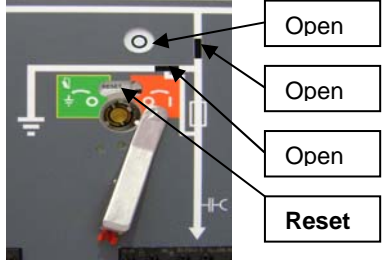


SafeLink 12kV

SF₆ Insulated Ring Main Unit Operating Instructions

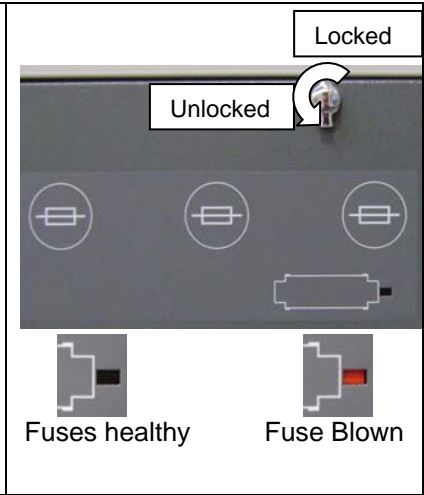
IMPORTANT! Read this before attempting to open any cover or operate any switch. Failure to do so may damage the equipment or other property or cause personal injury and invalidate any warranties.

SafeLink Operating Instructions (Check gauge pressure before operating)	Configuration CFC
<p>General:</p> <p>Insertion of the operating handle is controlled by a rotary “selector”, which has one of three possible states:</p> <ol style="list-style-type: none"> 1. Handle access BLOCKED & switch is padlockable in all states. 2. Switching between OFF & ON possible. 3. Switching between OFF & EARTH possible. <p>Cable access cover can only be removed when the associated switch is in EARTH, the operating handle removed and the “selector” in the middle, BLOCKED, position.</p> <p>Fuse access door can only be opened when the “switch fuse” is in EARTH and the “selector” in the middle, BLOCKED, position.</p>	
SWITCHING – RING SWITCHES & SWITCH FUSE	
<p>OFF to EARTH: Move “selector” to the LEFT Insert operating handle Rotate handle ANTI-CLOCKWISE</p> <p>EARTH to OFF: Move “selector” to the LEFT Insert operating handle Rotate handle CLOCKWISE Check mimic panel and switch position indicators as shown</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Earthing switch</p> 
<p>OFF to ON: Move “selector” to the RIGHT Insert operating handle Rotate handle CLOCKWISE</p> <p>ON to OFF Move “selector” to the RIGHT Insert operating handle Rotate handle ANTI-CLOCKWISE Check mimic panel and switch position indicators as shown</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Circuit switch</p> 
SWITCH FUSE RESET	
<p>RESET (after fuse initiated TRIP) Switch will automatically TRIP to OFF. “RESET” appears above the handle socket. Switch must be RESET to allow further operation. Move “selector” to the right. Insert operating handle. Rotate handle ANTI-CLOCKWISE to end of travel. Once RESET the “selector” will operate as normal. Check mimic panel and switch position indicators as shown</p>	

FUSE ACCESS (Switch fuse must be in EARTH & Selector in middle Blocked position)

When a fuse is blown, there is indication via the striker mimic on the fuse door. This indicator is BLACK when all fuses are healthy and the door is closed, and turns RED if there is a blown fuse.

To gain access to the fuse compartment the “switch fuse” must be in the earth position and the “selector” in blocked position before the door can be opened. The door knob will not fully rotate and release the door unless these conditions are met. This ensures that the internal earthing of both ends of the fuse is in place before access is available. Rotate the fuse access door knob anti-clockwise to open. Ensure knob is rotated fully to lock or unlock.



Once the door is opened, the fuse canisters are visible. The blown fuse(s) will be indicated by the canister(s) with the extended white plastic pin(s). All three fuses should be replaced as a set.

With the fuse door open, the roof section can be hinged up to allow improved access to the fuse handles.

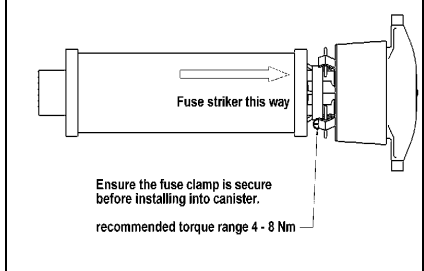


Pull the red handle on the front of the canister fully downwards. This will allow the fuse assembly to be removed.

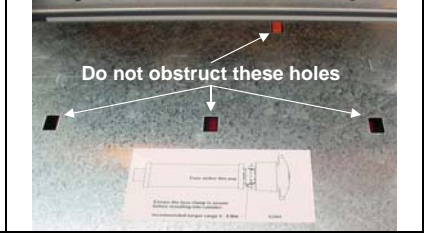
Central fuse assembly and fuse being withdrawn.



Release the fuse from the fuse assembly clamp with a screwdriver. Fit the new fuse into fuse assembly and tighten clamp. Do not over tighten the clamp screw. Make sure that the striker is in the direction of the fuse sealing cap. Carefully refit the fuse and fuse assembly into the canister. The cap must be clean of grease or dirt. Push the red handle fully upwards to lock the fuse and fuse sealing cap into position.



When the fuse door is closed ensure that nothing obstructs the fuse striker mechanism slots. If these slots are blocked, fuse tripping operation may not occur.



CABLE BOX ACCESS

The cable box access covers can only be removed with the corresponding switch in EARTH position and with the “selector” in the middle BLOCKED position.

For cable testing it is possible to switch from EARTH to OFF only. The switch must be returned to EARTH to replace the cover.

Once the cover is removed the switch can only be operated in the EARTH – OFF sector. The “selector” will **not** move into the ON – OFF sector, so the switch cannot be ON with a cable box cover removed.

