

SAFETY SWITCH FOR PROTEC Z PRODUCTS

The Safety Switch is implemented on all PROTEC Z HV products

This feature protects the PROTEC Z/Z+ equipment against the following danger of can rupture incidents:

- Overvoltage in the case of loss of earth
- Overvoltage from network
- Over Harmonic loading i.e. THD(V)>10%
- Over temperature i.e. >80 degrees Celsius Ambient Temperature

The Safety Switch will detect the pressure in the vessel and operate at a factory pre-set safe level

The Safety Switch is to be connected to the machine breaker via hardwiring or via a wireless connection to a mechanism that shuts the power of to the machine.

This feature will protect the machine and any personnel standing close to the machine.

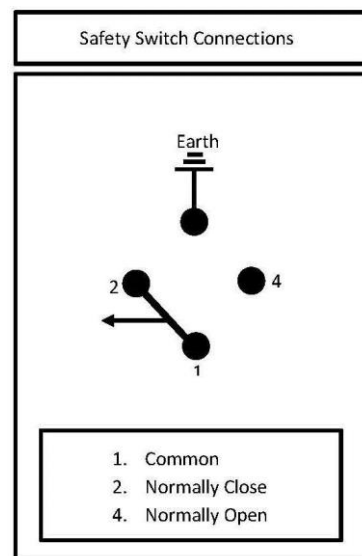
The level is factory set and if the condition reverts back to normal the Safety switch will “reset”

There are solutions to disconnect the PROREC Z unit and let the machine carry on without the PROTEC Z in the circuit.

Please consult our Installation instructions or contact NTSA for further information

NTSA insists on connecting the Safety Switch in systems.

In case this device is not connected, NTSA will not be liable for any damages caused to people or assets



The switch contacts are potential free. In hazardous / highly flammable areas it is compulsory that the safety switch is connected thru an I.S. barrier or Isolator. These barriers or isolators should be installed in a safe area.

The IS loop must be separately certified by the end user and is not the responsibility of NTSA

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