

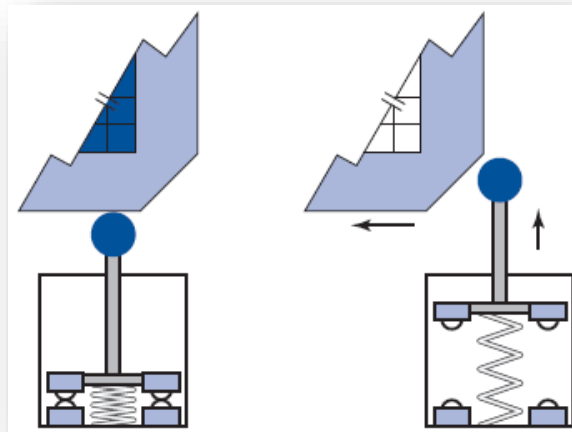
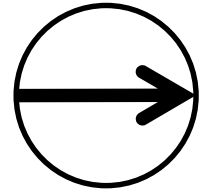
Positive Break Contacts & Positive Mounting



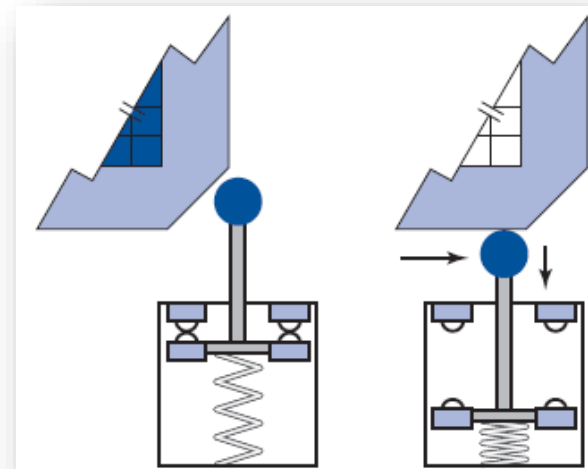
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Electro Mechanical Switch – Positive Break or Direct Opening action

- Requirement as per **IEC 60947-5-1 Annex K**
- Mandatory as per **EN ISO 13849-1**
- The component shall have this mark (**Arrow in a Circle**) on the components itself
- The contacts open by force applied for actuation of the switch – not by springs hence positive break

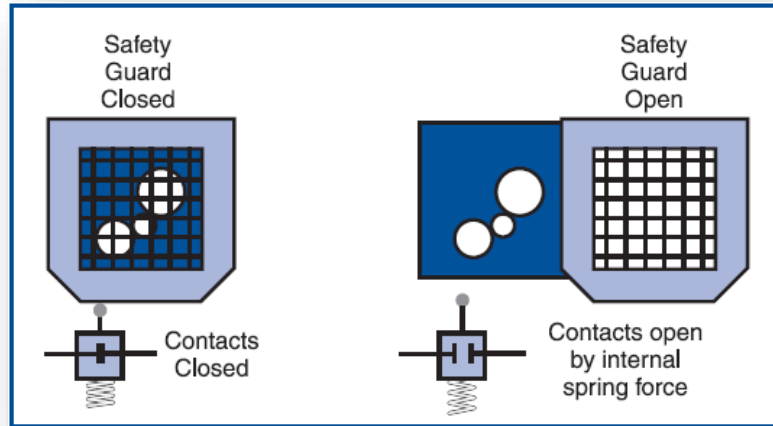


Negative



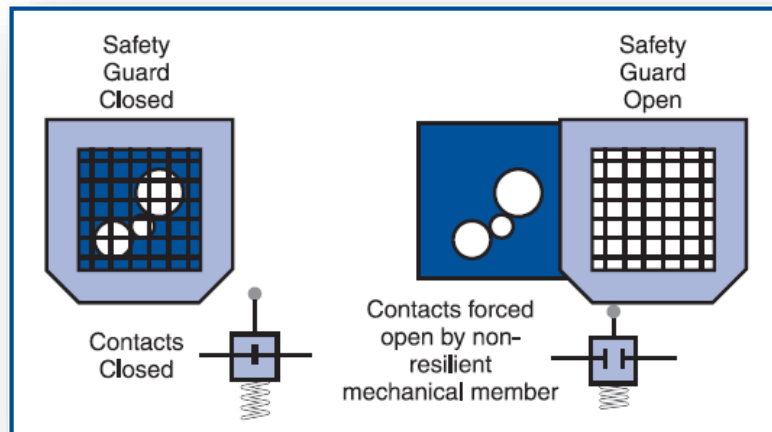
Positive

Negative



- Machine Running – Guard closed
- Gard Closed – Contacts are closed by Spring Force
- Door Guard opens – Contacts may not open due to *Welded Contacts or Spring Breakage* – **Machine does not STOP**

Positive



- Machine Running – Guard closed
- Gard Closed – Contacts are closed
- Door Guard opens – Contacts open *Force fully* – **Machine Stops Positively**

Thank you
for your attention!



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