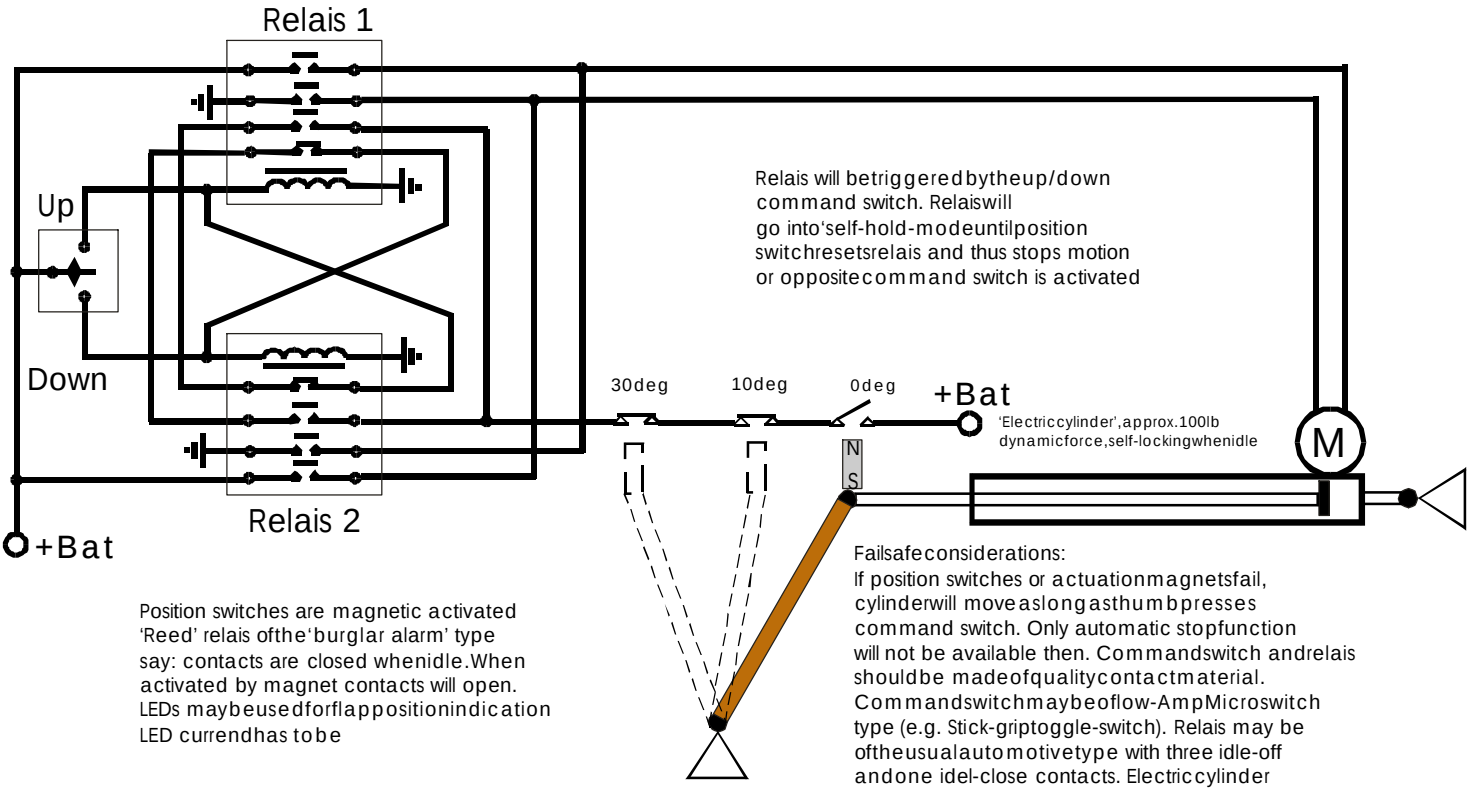

Position switches are magnetic activated
'Reed' relais ofthe'burglar alarm' type
say: contacts are closed whenidle.When
activated by magnet contacts will open.
LEDs maybeusedforflappositionindication
LED currendhas tobe

Failsafeconsiderations:
If position switches or actuationmagnetsfail,
cylinderwill moveaslongasthumbpresses
command switch. Only automatic stopfunction
will not be available then. Commandswitch andrelais
shouldbe madeofqualitycontactmaterial.
Commandswitchmaybeoflow-AmpMicroswitch
type (e.g. Stick-griptoggle-switch). Relais may be
oftheusualautomotivetype with three idle-off
andone idel-close contacts. Electriccylinder
shouldbe mechanically orelectrically protected
in case it may runinto extreme endpositions.