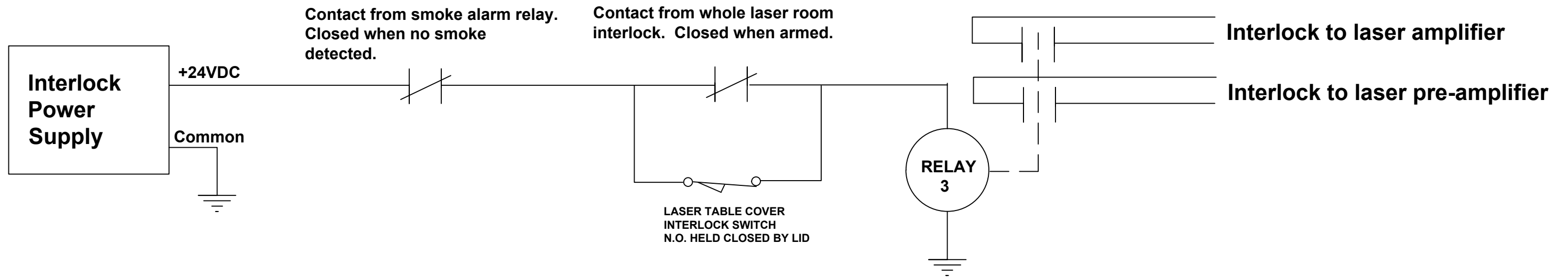


UITF Laser enclosure within laser cleanroom



Operating principle:

1. If smoke alarm is clear and cover is on laser table, IPG laser amplifier can run without arming the room interlock.
2. If the cover needs to be removed for access, the room interlock must be armed.
3. If a worker violates room access control, the room interlock contact opens which shuts off the IPG laser.
4. At completion of work, the laser table cover is replaced. The room can then be disarmed and the IPG laser will continue to run within the primary class 1 enclosure.