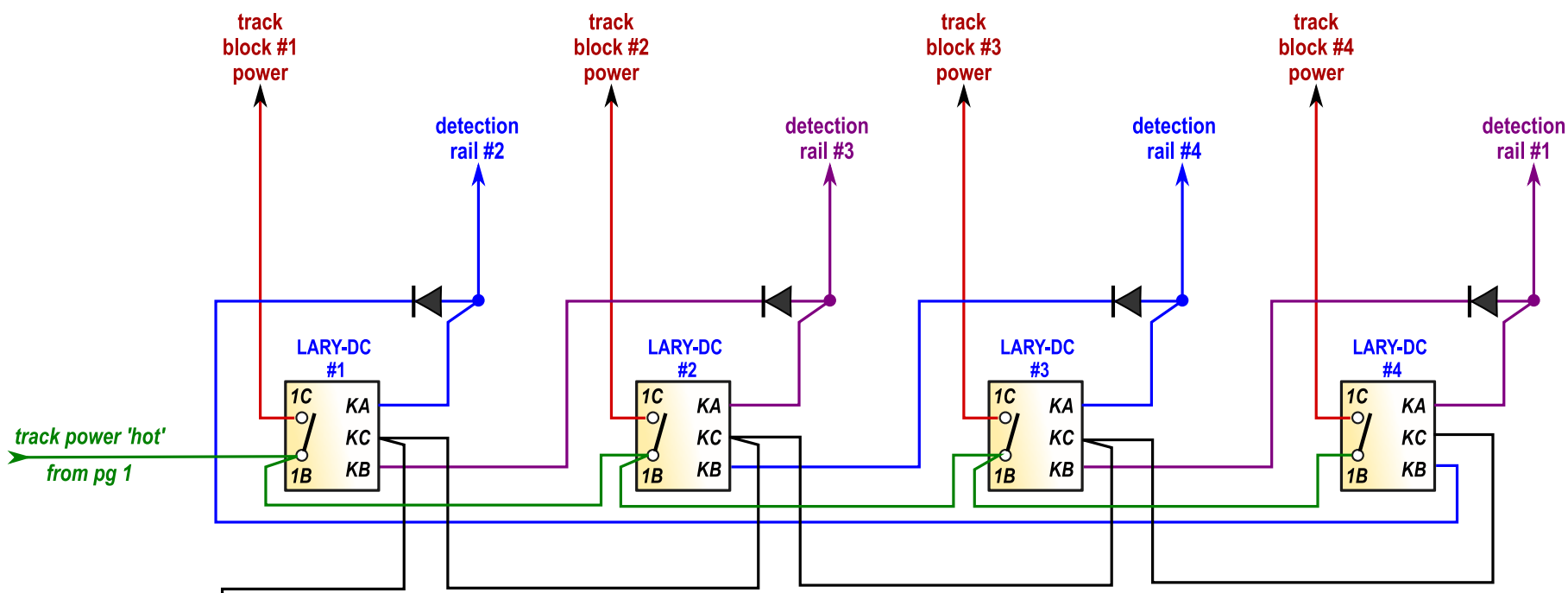


Two trains on one loop -- for 3-rail track only.

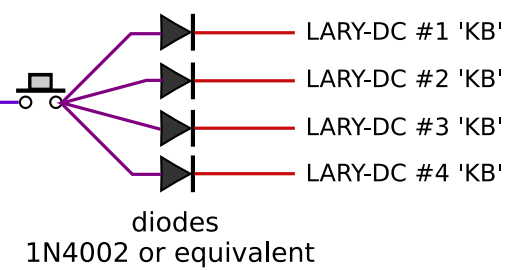
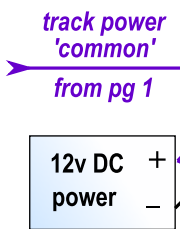
As a train enters a block, it trips a relay that turns off power to the block that is behind the locomotive. It also trips another relay that turns power back on to the second block behind the locomotive.

For example, as the locomotive leaves block #2 and enters block #3, it crosses detection rail #3. This trips LARY-DC #2 terminal KA which turns off power to block #2. It also trips LARY-DC #1 terminal KB which turns on power to block #1.



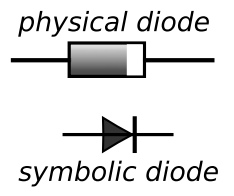
Note that the **positive (+)** DC power terminal is connected to the layout 'common' outer rail.

For LARY-DC latching relays:
 KA - 'off'
 KB - 'on'



diodes
 1N4002 or equivalent

Manual 'clear' (optional but recommended)
 There may be situations when it is desirable to manually restore power to all blocks.
 The manual 'restore' button is connected to each LARY-DC 'KB' terminal via a series diode.



Two trains on one loop -- for 3-rail track only.