

MOLLER Integrating Detector Grounding Scheme

SW1:
Switches HV ground between integration mode and pulse mode.

SW2-7:
Switches off higher gain stages in integration mode (ties together socket pins)

SW8:
Switches dynode 4 to connect to anode in integration mode and to dynode 5 in pulse mode.

SW9:
Switches the anode signal between integration mode and pulse mode.

Switching is done by relays.

All switches have a separate ground reference from the voltage regulator, called control ground. All of them use the $\pm 5V$ from the regulator to operate.

Green, blue, and magenta colors indicate separate grounds.

