List of what is needed:

Logical units:

Three (03) AND units with 04 inputs
One (01) OR unit with 03 inputs
One (01) OR unit with 09 inputs

Discriminators:

Nine (09) Discriminators for cosmics (calibration) (High threshold).
Nine (09) Discriminators for source (calibration) (Low threshold).
Two (02) Discriminators in the case of using the cosmic telescope.

Timers:
One (01) timer module for random trigger.