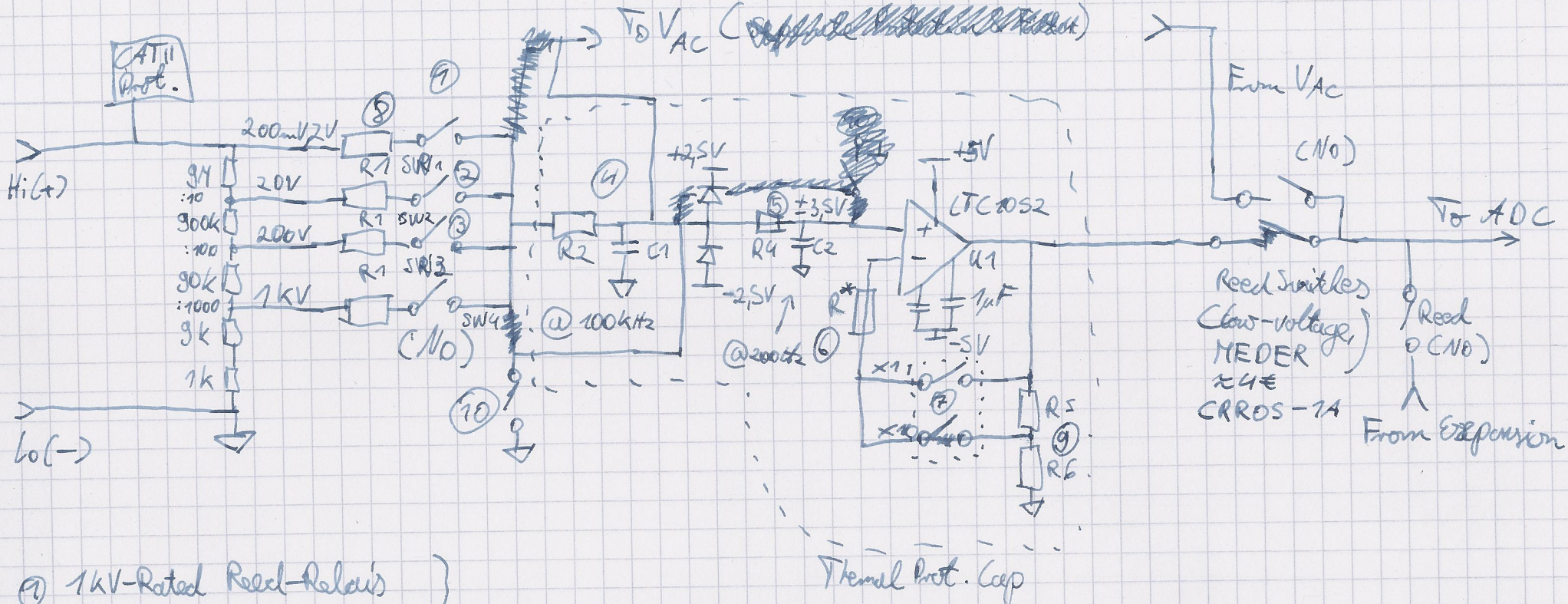

① 1kV-Rated Reed-Relais
② 200V-Rated-Reed-Relais
③ <200V-Rated-Reed-Relais
} Break before Make!! COTO 3500 Series → 3541 @ 1kV, 3502 otherwise → Avoid ΔT gradients over relais contacts!

④ Low-Pass (200Hz)

⑤ Low-Leakage Diodes (1V drop) + 200Hz Low-Pass with R2+R4 ≈ R5 for thermal reasons (balancing)
⇒ $V_{in} = \pm 3{,}5V$

⑥ Used to balance thermal junctions (may be 2 R's in series), Low-Value), if possible same material as relais contacts)

⑦ Analog-Switch IC or Reed-Switch (reed is better)

⑧ Used to lower switching voltage when in Over-Range, with R2

⑨ Cuddeck Low T_C, T912

⑩ Auto-Zero Switch