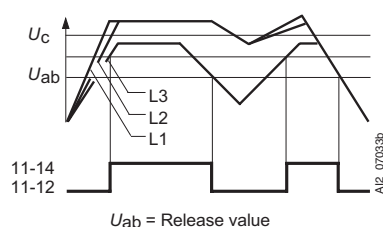


Monitoring Devices

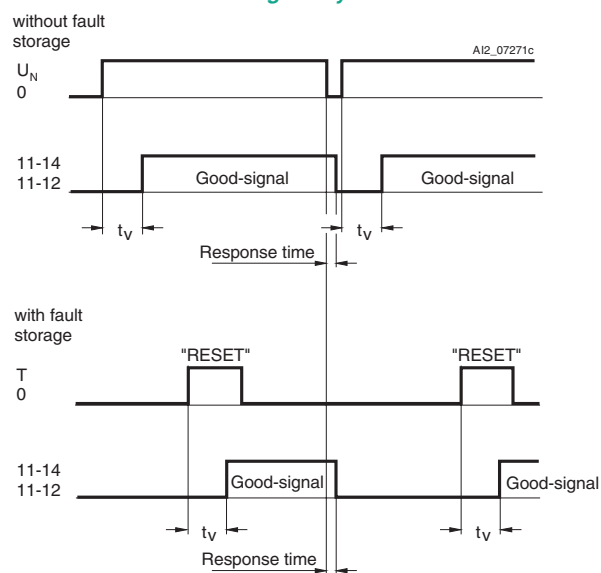
5TT3 1 and 5TT3 4 voltage relays

Characteristic curves

Timing interval of 5TT3 400 – 5TT3 406 undervoltage relays



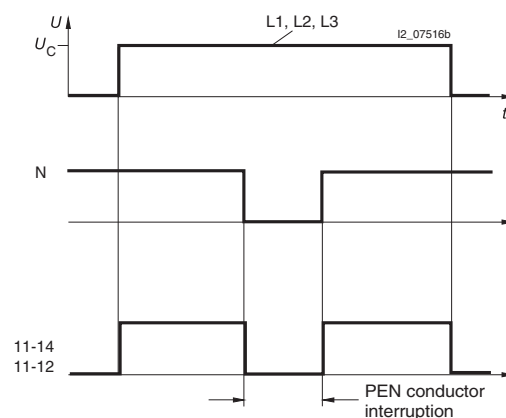
Timing interval of 5TT3 407 short-time voltage relays



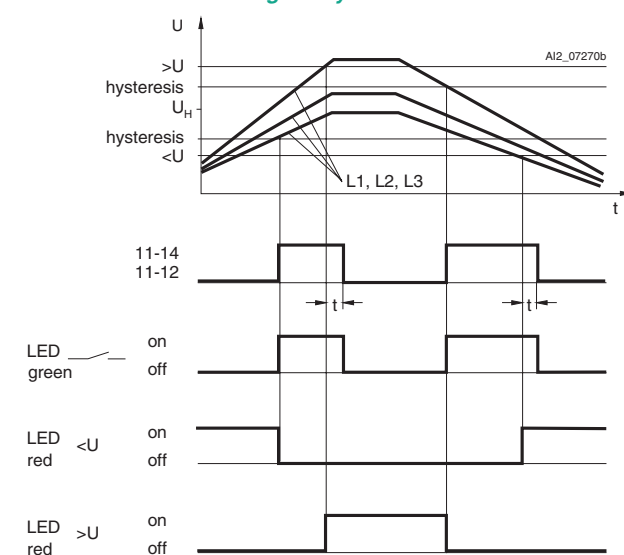
t_v: adjustable automatic reclosing delay 0.2 to 20 s

The undervoltage relay switches at a phase asymmetry of approx. 6 to 8 %, regardless of the response values for undervoltage. The above diagram shows the timing interval for undervoltage or asymmetry.

Timing interval of 5TT3 410 N-conductor monitors



Timing interval of 5TT3 408 under/overvoltage relays



t: adjustable OFF delay 0.1 to 20 s

The undervoltage relay switches at a phase asymmetry of approx. 6 to 8 %, regardless of the response values for undervoltage. The above diagram shows the timing interval for undervoltage.