

CiA301 Heartbeat Timing Test

Heartbeat time is set to 200ms, then 3 test cycles measure the HB time 50 times. Once in pre-operational mode, once in operational and once in stopped mode. Warning count increments if accuracy is below 5%. Test fails if accuracy is below 10%.

Variable usage:
 1: main timer for measurments
 2: cycle counter
 3: set to 1 when EMCY check is active







