

Minimaster Dold + CoDeSys 3S

CanOpen implicit Variables (global variables)

CONSTANTs

MAX_CTRLINDEX: INT

USE_CANOPEN_NODES: BOOL

MAX_MASTERINDEX: INT

MAX_NODEINDEX: INT

MAX_SDOINDEX: INT

MAX_PDOINDEX_RX: INT

MAX_PDOINDEX_TX: INT

MAX_MASTER_ODENTRY_IDX: INT

Variables (global variables)

VAR_GLOBAL

pCanOpenMaster: ARRAY[0...MAX_MASTERINDEX.

pCanOpenNode: ARRAY[0...MAX_NODEINDEX.

pCanOpenSDO: ARRAY[0...MAX_SDOINDEX.

pCanOpenPDO_RX: ARRAY[0...MAX_PDOINDEX_RX.

pCanOpenPDO_TX: ARRAY[0...MAX_PDOINDEX_TX.

ODMEntries: ARRAY[0...MAX_MASTER_ODENTRY_IDX

END_VAR

IF pCanOpenMaster[0].nStatus =5 THEN

%IF pCanOpenNode[iSlave].nStatus <4 THEN

< application code>

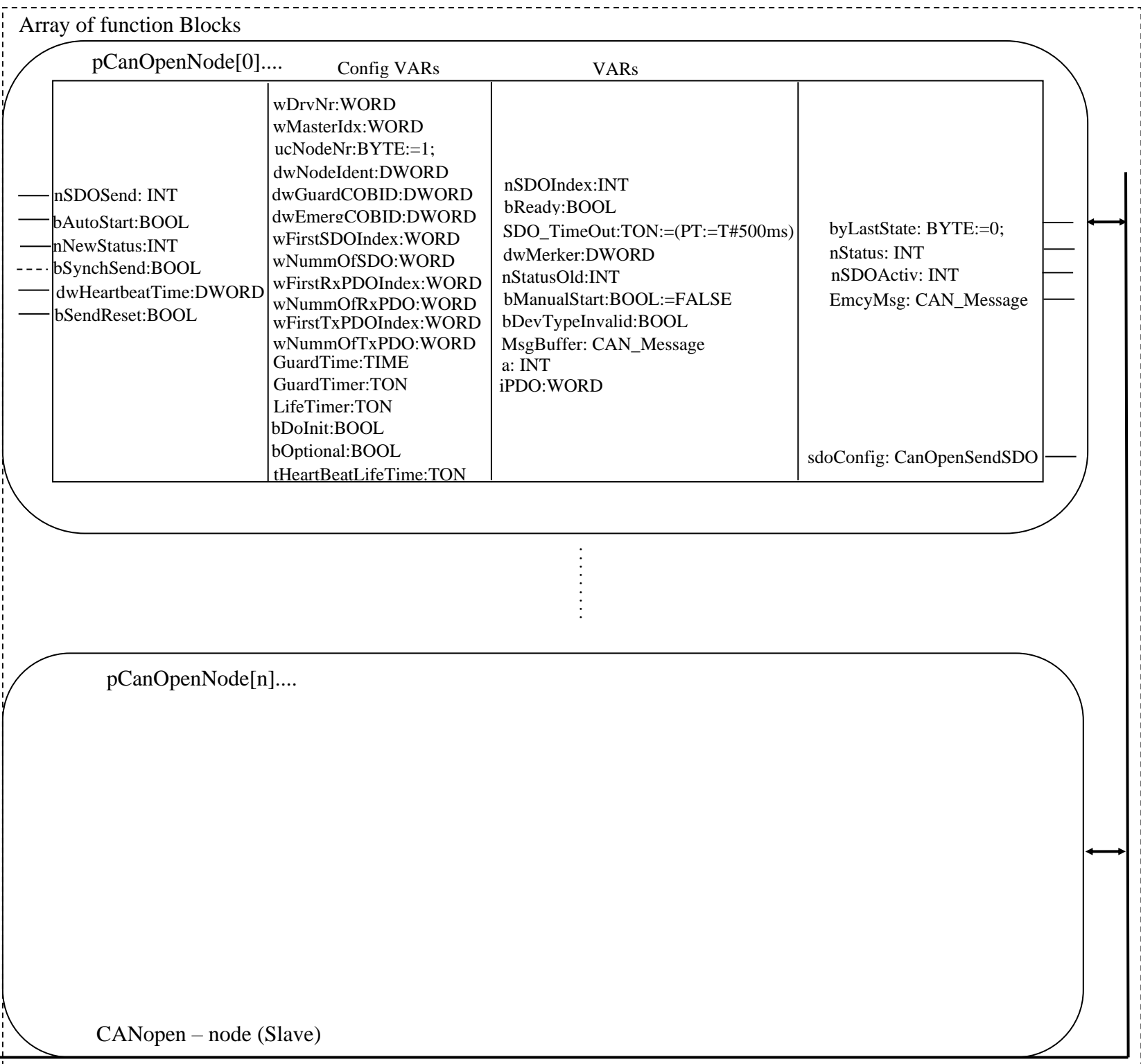
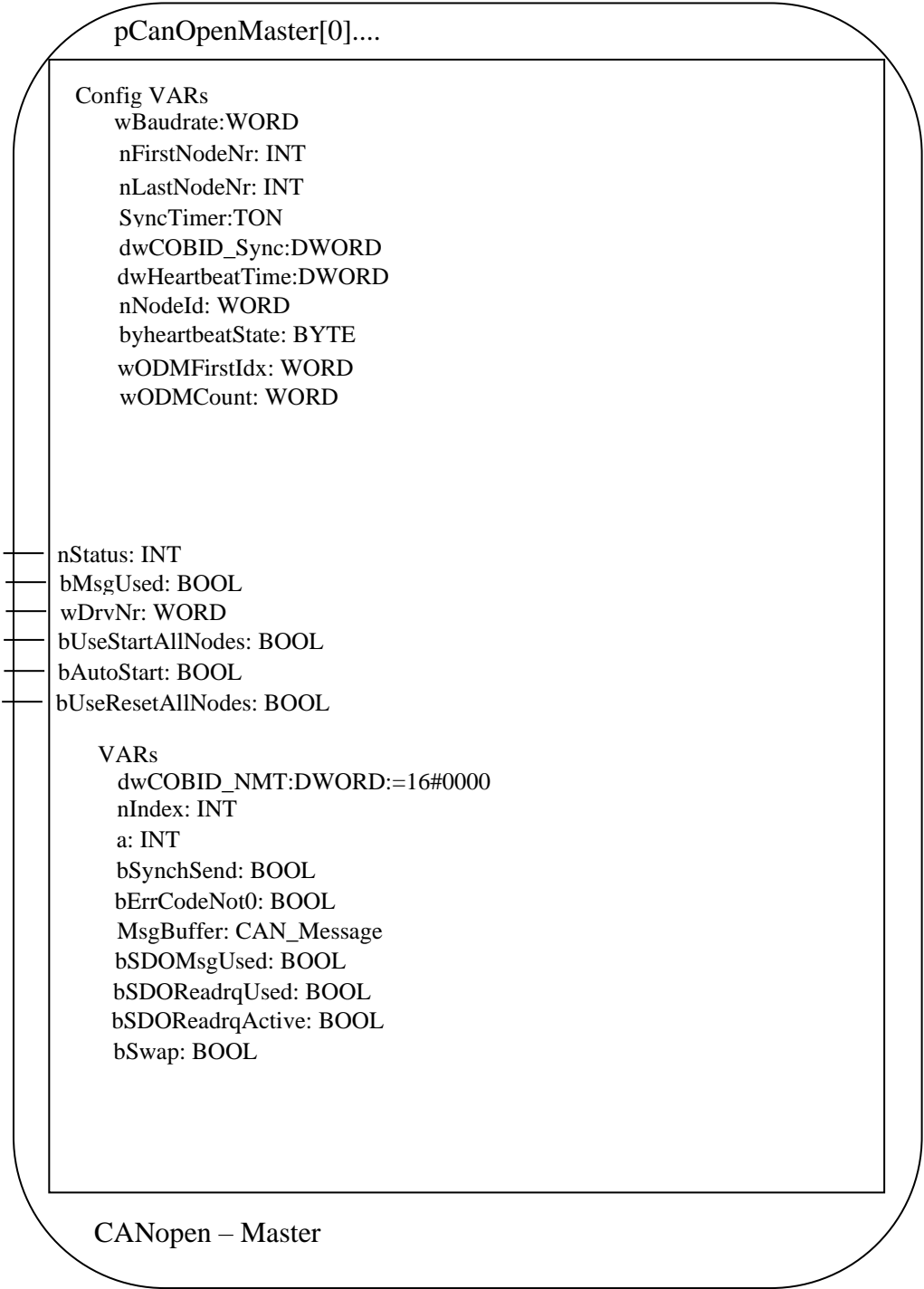
%END_IF

END_IF

PLC – Application Layer (POUs)

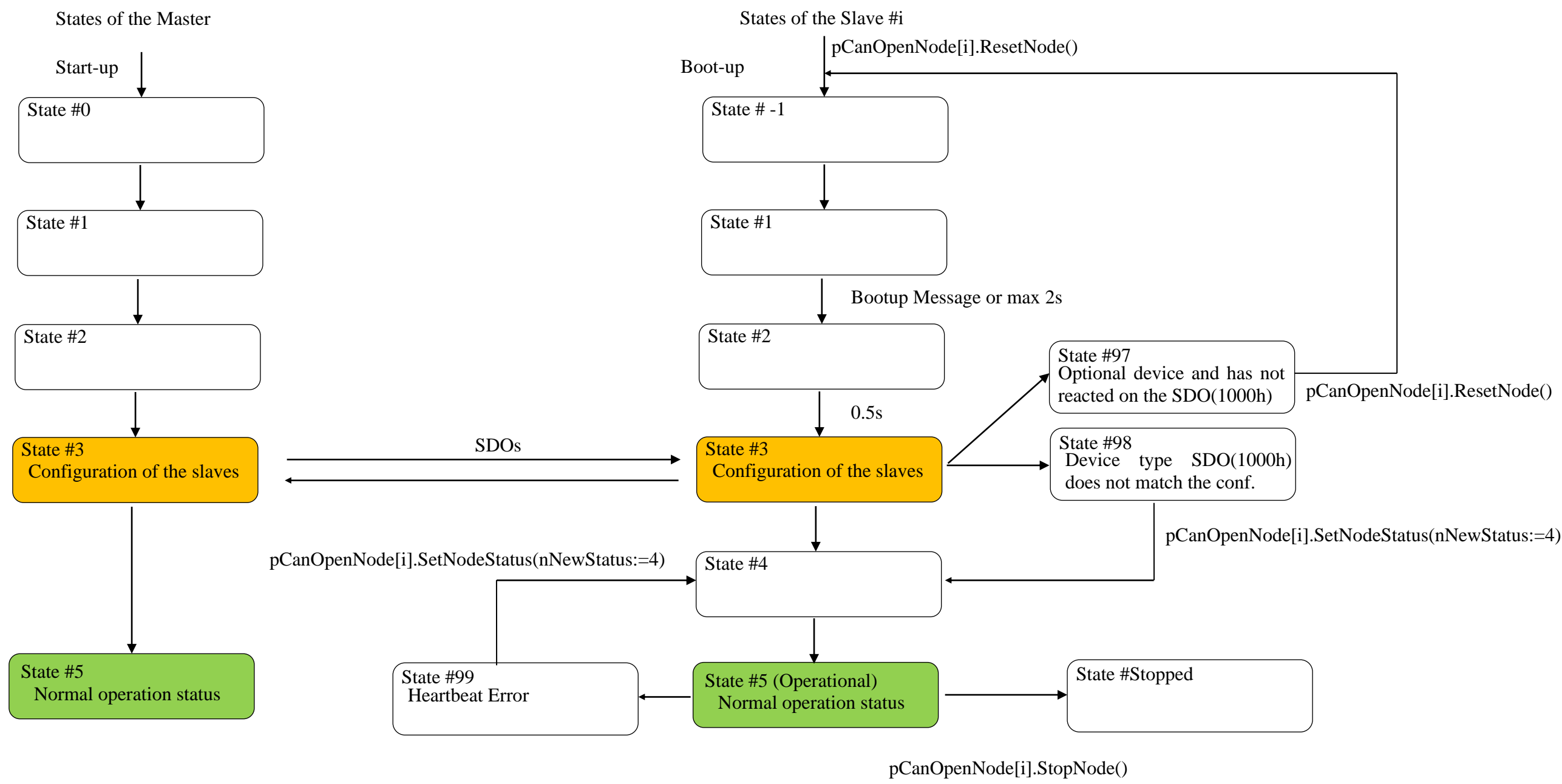
Emergency Consumer

3S_CanOpenMaster.lib/3S_CanOpenManager.lib



Methods

pCanOpenNode[x].ResetNode() - acces on the CANopen nodes, where x id the index of the not, not NodeID
pCanOpenMaster[0].bUseStartAllNodesS=TRUE;



Safety requirements

