

	S:FS is set to 1 only the	during the first scan bitMOV
6		Move
		Source SHMS_PLC_HEARTBEAT_COUNTER 44982
		Dest PLC_HEARTBEAT_COUNTER_Last 44982
	If PLC_HEARTBEAT_COUNTER is iqual to PLC_HEARTBEAT_COU fail	ed
7		Timer On Delay
		Timer PLC_heartbeat_ErrorTimer Preset 3000
		Accum 1570
	If PLC_HEARTBEAT_COUNTER is not iqual to PLC_HEARTBEAT_La	ast, then it resets the PLC_heartbeat_Error Timer and checks that the
	PLC_HEARTBEAT_CO	DUNT value is updating PLC_heartbeat_ErrorTimer
8	Not Equal	(RES)
	Source A SHMS_PLC_HEARTBEAT_COUNTER 44982	Move
	Source B PLC_HEARTBEAT_COUNTER_Last 44982	Source SHMS_PLC_HEARTBEAT_COUNTER 44982
		Dest PLC_HEARTBEAT_COUNTER_Last 44982
		44902
	PLC_COMM_FAILED = 1, if ether Watchd	og PLC or PLC heartbeat fails are present
	PLC_Watchdog_Failed	SHMS_PLC_COMM_FAILED
9		()
	PLC_heartbeat_ErrorTimer.DN	
	IOC_HEARTBEAT_COUNTER is a DINT c	alculated value comming from EPICS IOC.
	Value updates constantly, co If IOC_HEARTBEAT_COUNTER value stops the counting, then this r	ounts from 0 to 2147483647
10	S:FS	Move
10		Source SHMS_IOC_HEARTBEAT_COUNTER
		0 Dest EPICS_IOC_Heartbeat_Last
		0
		TON
11		Timer On Delay Timer IOC_Count_ErrorTimer
		Preset 3000 DN Accum 0
12		IOC_Count_ErrorTimer
	Source A SHMS_IOC_HEARTBEAT_COUNTER 0	MOV-
	Source B EPICS_IOC_Heartbeat_Last	Source SHMS_IOC_HEARTBEAT_COUNTER
		Dest EPICS_IOC_Heartbeat_Last
		0

