-- initial values
sOff_1 = false -> pre sOff;
sOn_1 = false -> pre sOn;
switchon_1 = 0 -> pre switchon;
switchoff_1 = 0 -> pre switchoff;
cnt_1 = 0 -> pre cnt;

POINT
Soff = false
Son = false
Switchon = 0
Switchoff = 0
Cnt = 0

Unless init

OFF_ENTRY
sOff = true
sOn = sOn_1
switchon = switchon_1
switchoff = 1
cnt = cnt_1

Until true

ON_EXIT_OFF_ENTRY
sOff = true;
sOn = false;
switchon = 0;
switchoff = 1;
cnt = cnt_1+ 1;

Until true

OFF_IDL
sOff = true;
sOn = sOn_1;
switchon = switchon_1;
Switchoff = 1;
cnt = cnt_1;

Unless Reset

Unless Set

ON_IDL
sOff = false;
sOn = true;
switchon = 1;
switchoff = 0;
cnt = cnt_1;

Until true

OFF_EXIT_ON_ENTRY
sOff = false;
sOn = true;
switchon = 1;
switchoff = 0;
cnt = cnt_1 + 1;