Escena4_ST

```
1   CTU_3 (CU := item_ready,
2          R := entrada_aux);
3
4   if CTU_3.CV<4 and CTU_4.CV =0  and at_exit then
5          entry_conveyor:=1;
6   end_if;
7
8   R_TRIG_2 (CLK := item_ready);
9
10  if R_TRIG_2.Q and CTU_3.CV > 3 then
11         entry_conveyor:=0;
12         entrada_aux:=1;
13  end_if;
14
15  F_TRIG_4 (CLK := at_exit);
16  if F_TRIG_4.Q then
17  salida_aux:=0;
18  end_if;
19  F_TRIG_2 (CLK := at_entry);
20
21  if F_TRIG_2.Q then
22         buffer_conveyor:=1;
23  end_if;
24
25  CTU_4 (CU := not at_exit,
26         R := salida_aux);
27
28  R_TRIG_3 (CLK := at_exit);
29  if R_TRIG_3.Q and CTU_4.CV > 3 then
30         buffer_conveyor:=0;
31         salida_aux:=1;
32  end_if;
33  F_TRIG_3 (CLK := at_exit);
34  if F_TRIG_3.Q then
35  salida_aux:=0;
36  end_if;
```