VAR:

B\_PRES0: int;

B\_PRES1: int;

B\_PRES2: int;

CB\_PRES0: int;

CB\_PRES1: int;

BRAKE\_SUBSTATE1: int;

END\_VAR;

IF B\_PRES0 <= 0 THEN

CB\_PRES0 = 2;

IF B\_PRES0 <> EXPECTED THEN

CB\_PRES0 = 1;

IF B\_PRES1 <= 0 THEN

CB\_PRES1 = 2;

IF B\_PRES1 <> EXPECTED THEN

CB\_PRES1 = 1;

IF CB\_PRES0 >= 1 AND CB\_PRES1 >= 1 THEN

IF CB\_PRES0 == 1 OR CB\_PRES1 == 1 THEN

BREAK\_SUBSTATE1 == 1;

ELSE IF CB\_PRES0 > CB\_PRES1 THEN

B\_PRES0 == TRUE;

ELSE B\_PRES1 == TRUE;

ELSE BRAKE\_SUBSTATE1 = 2;