

```

1 | sw1, sw2 ← VERIFY PIN(code) =
2 |     PRE
3 |         code ∈ {code1,code2,code3}
4 |     THEN
5 |         IF (counter PIN = 0)
6 |         THEN
7 |             sw1 := 698 h
8 |             sw2 := 3
9 |         ELSE
10 |             IF (PIN = code)
11 |             THEN
12 |                 counter PIN := 3h
13 |                 sw1 := 900 h
14 |                 sw2 := 0
15 |             ELSE
16 |                 counter PIN := counter PIN - 1 h
17 |                 sw1 := 63C h
18 |                 sw2 := counter PIN - 1
19 |             END
20 |         END
21 |     END;

```