

1

```
2 FUNCTION BLOCK FB500
3 TITLE = 'Block Title'
4 //
5 // Block Comment...
6 //
7 VERSION: '1.0'
8 AUTHOR: ZJW
9 NAME: Name
10 FAMILY: Family
11
12 // Block Parameters
13 VAR_INPUT
14     // Input Parameters
15 m_input:ARRAY[1..99] OF INT;
16 m_number:INT;
17
18 END_VAR
19
20 VAR_IN_OUT
21     // I/O Parameters
22
23
24 END_VAR
25
26 VAR_OUTPUT
27     // Output Parameters
28 m_output:ARRAY[1..99] OF INT;
29 m_output_state:ARRAY[1..99] OF BOOL;
30 m_output_HMI:INT;
31 END_VAR
32
33 VAR_TEMP
34     // Temporary Variables
35
36 END_VAR
37 VAR
38 i:INT;
39 j:INT;
40
41 END_VAR
42
43
44 IF m_number <> 0 THEN
45     // Statement Section_IF
46     i:=m_number;
47     j:=0;
48     m_output[i]:= m_input[i];
49     m_output_state[i]:=true;
50     m_output_HMI:=m_output[i];
51 ELSIF m_number = 0 AND j<100 THEN
52     j:=j+1;
53     m_output[j]:= 0;
54     m_output_state[j]:=false;
55     m_output_HMI:=0;
56 ELSE
57     // Statement Section_ELSE
58     i:=0;
59     //m_output_state[i]:=false;
60 END_IF;
61
62
63
64
65 ;
66 END_FUNCTION_BLOCK
67
```