BAI_1.1 [FC6]

BAI_1.1 Properties					
General					
Name	BAI_1.1	**Number**	6	**Type**	FC
Language	FBD	**Numbering**	Automatic		
Information					
Title		**Author**		**Comment**	
Family		**Version**	0.1	**User-defined ID**	

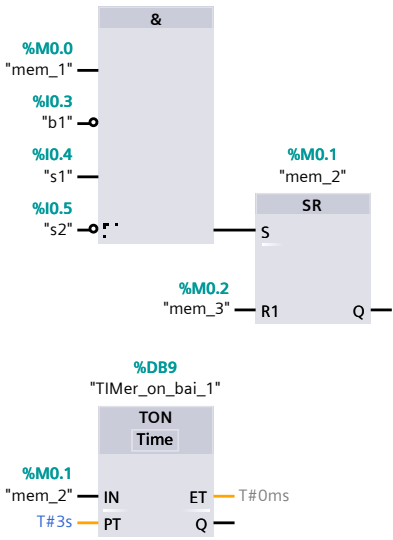| Name	Data type	Default value
Input		
Output		
InOut		
Temp		
Constant		
▼ Return		
BAI_1.1	Void	

Network 1:

step 1

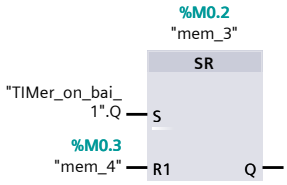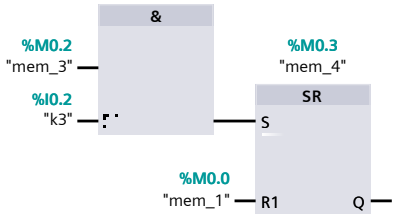## Network 2:

step 2

```
                                    &
      %M0.0
     "mem_1" ──────┐
      %I0.3
      "b1" ──o─────┤
      %I0.4                               %M0.1
      "s1" ────────┤                     "mem_2"
      %I0.5                                 SR
      "s2" ──o─┌ ┐─┘                  ┌──────────┐
                                      ─ S        │
                                                 │
      %M0.2                                       │
     "mem_3" ─────────────────────── R1        Q ─
```

```
                   %DB9
              "TIMer_on_bai_1"
                    TON
                    Time
      %M0.1    ┌──────────┐
     "mem_2" ── IN     ET ── T#0ms
      T#3s ──── PT      Q ─
```

Network 3:

step 3

```
                        %M0.2
                       "mem_3"
                         SR
      "TIMer_on_bai_   ┌──────────┐
           1".Q ────── S         │
      %M0.3                      │
     "mem_4" ──────────R1      Q ─
```

Network 4:

step 4

```
                    &
      %M0.2
     "mem_3" ──────┐
      %I0.2                            %M0.3
      "k3" ──┌ ┐───┘                  "mem_4"
                                        SR
                                   ┌──────────┐
                                   ─ S        │
      %M0.0                                   │
     "mem_1" ──────────────────────R1       Q ─
```
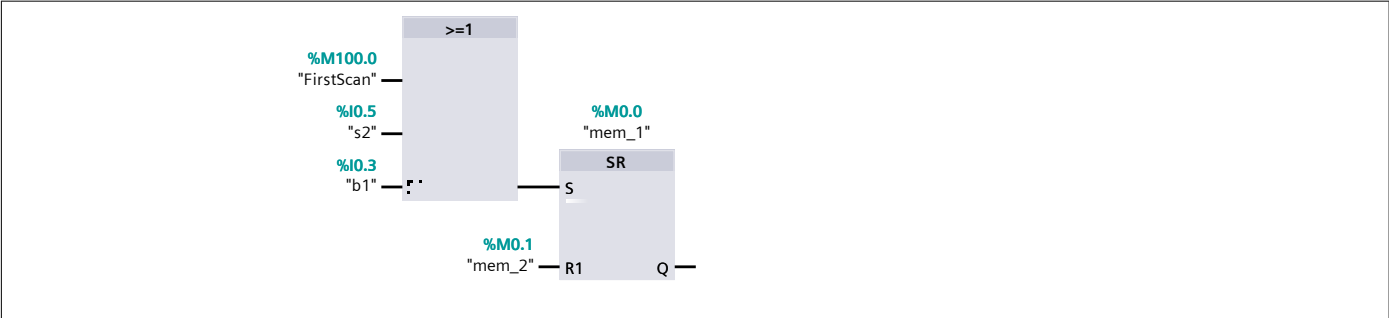
Network 5: stop button and thermal relay

nut stop va relay nhiet

```
                   >=1
      %I0.3    ┌────────┐
      "b1" ────┤        │            %M0.1
      %I0.5    │        │           "mem_2"
      "s2" ──┌ ┐┘       │          RESET_BF
                        └─────────┌──────────┐
                                  ─ EN        │
                                              │
                              3 ── N          │
```

Network 6: output

```
                    >=1
    %M0.1
   "mem_2" ──
    %M0.2                      %Q0.0
   "mem_3" ──                   "Q1"
    %M0.3                        =
   "mem_4" ──

                     &
    %M0.1                      %Q0.1
   "mem_2" ──                   "Q2"
    %Q0.2                        =
    "Q3" ──○

                     &
    %M0.3                      %Q0.2
   "mem_4" ──                   "Q3"
    %Q0.1                        =
    "Q2" ──○
```

Network 6: output