

LADDER RUNGS  
LADDER RUNGS

Rung # 0001  
Rung # 0001

This program is totally useless...

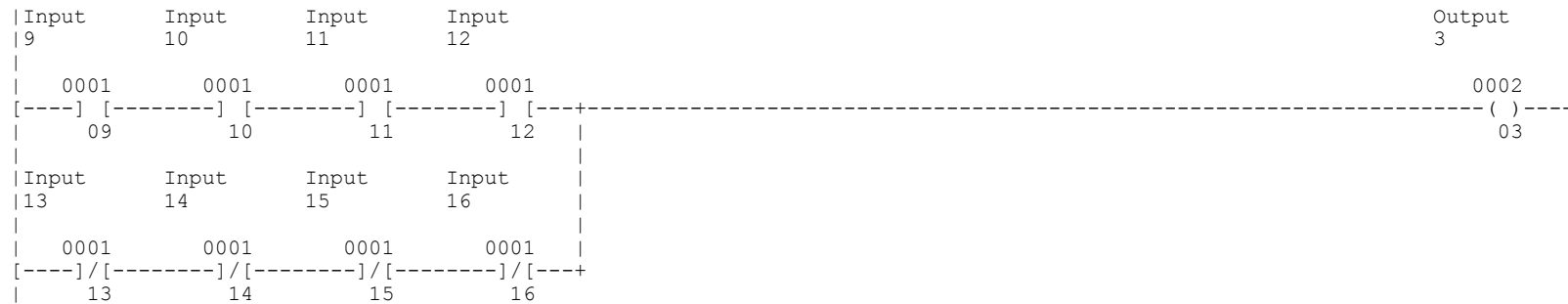
as far as controlling any process. Now on the other hand if you would like to see how different instructions are converted read on.



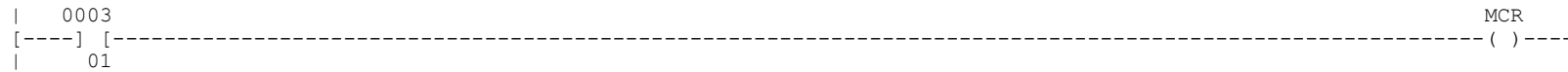
Rung # 0002  
Rung # 0002



Rung # 0003  
Rung # 0003



Rung # 0004  
Rung # 0004



Rung # 0005  
Rung # 0005

| 0002  
[----- (L) -----  
| 04

Rung # 0006  
Rung # 0006

| 0002  
[----- (U) -----  
| 05

Rung # 0007  
Rung # 0007

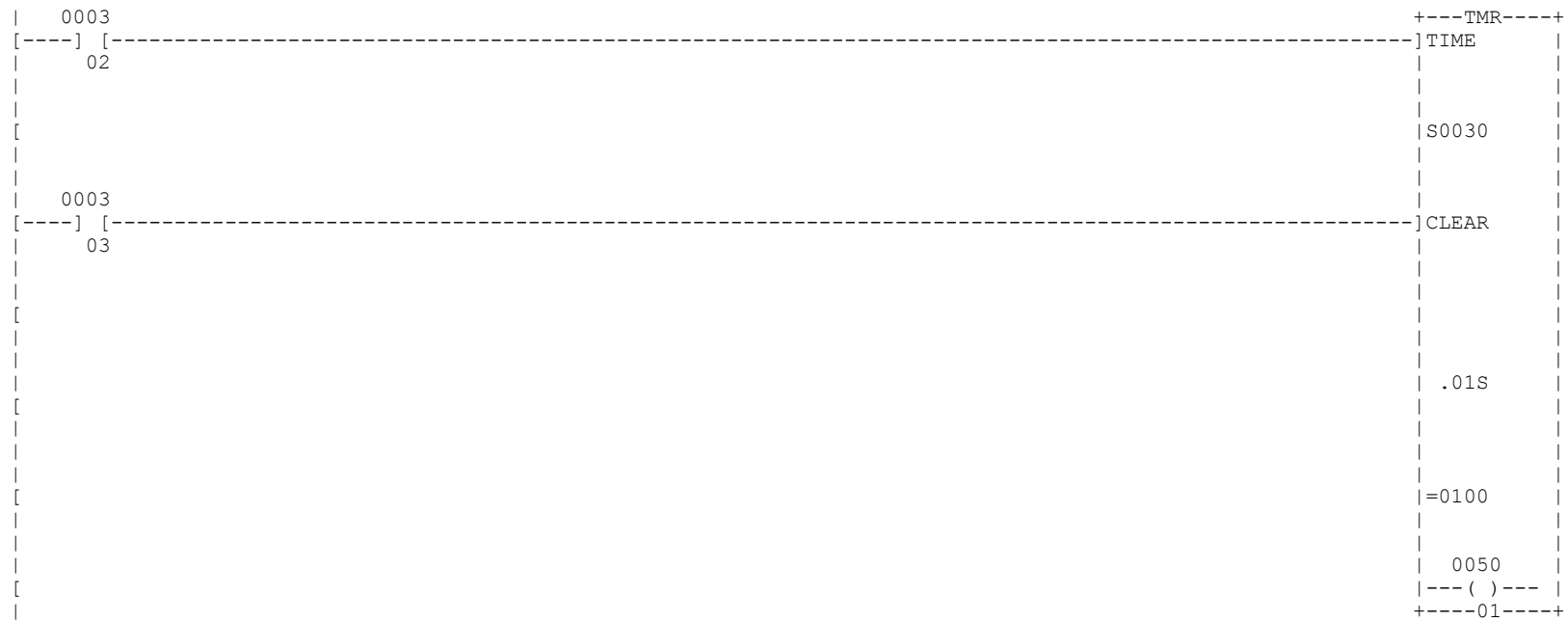
| 0020  
[----- (T) -----  
| 01

Rung # 0008  
Rung # 0008

| MCR  
[----- ( ) -----  
|

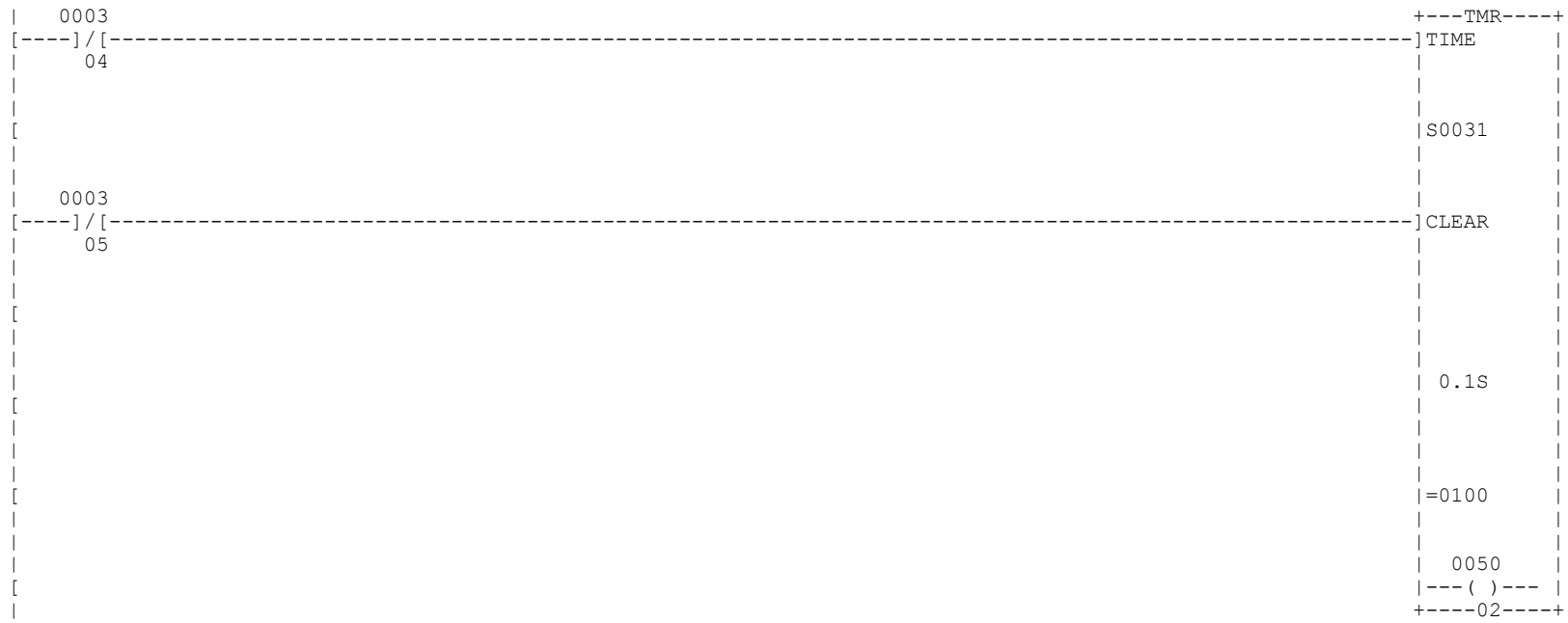
Rung # 0009

Rung # 0009



Rung # 0010

Rung # 0010



Rung # 0011  
Rung # 0011





Rung # 0016  
Rung # 0016

```
|+-----+                                     +-----+  
[]IF      S0063    > 00543  [-----]LET      S0063    =S0063    - 00054  [  
|+-----+                                     +-----+
```

Rung # 0017  
Rung # 0017

```
|+-----+                                     +-----+  
[]IF      S0064    < 00075  [-----]LET      S0064    = 00064    x 00010  [  
|+-----+                                     +-----+
```

Rung # 0018  
Rung # 0018

```
|+-----+                                     +-----+  
[]IF      S0065    =S0064    + 00005  [-----]LET      S0065    = 00000  [  
|+-----+                                     +-----+
```

Rung # 0019  
Rung # 0019

```
|+-----+                                     +-----+  
[]IF      S0066    =S0064    - 00005  [-----]LET      S0066    = 00066    / 00002  [  
|+-----+                                     +-----+
```

Rung # 0020  
Rung # 0020

```
|+-----+ +-----+  
[]IF      S0067    >S0060    +S0061    +S0062  [ ]LET      S0067    =S0060    xS0061    /S0062    + 00003  [  
|+-----+ +-----+
```

Rung # 0021  
Rung # 0021

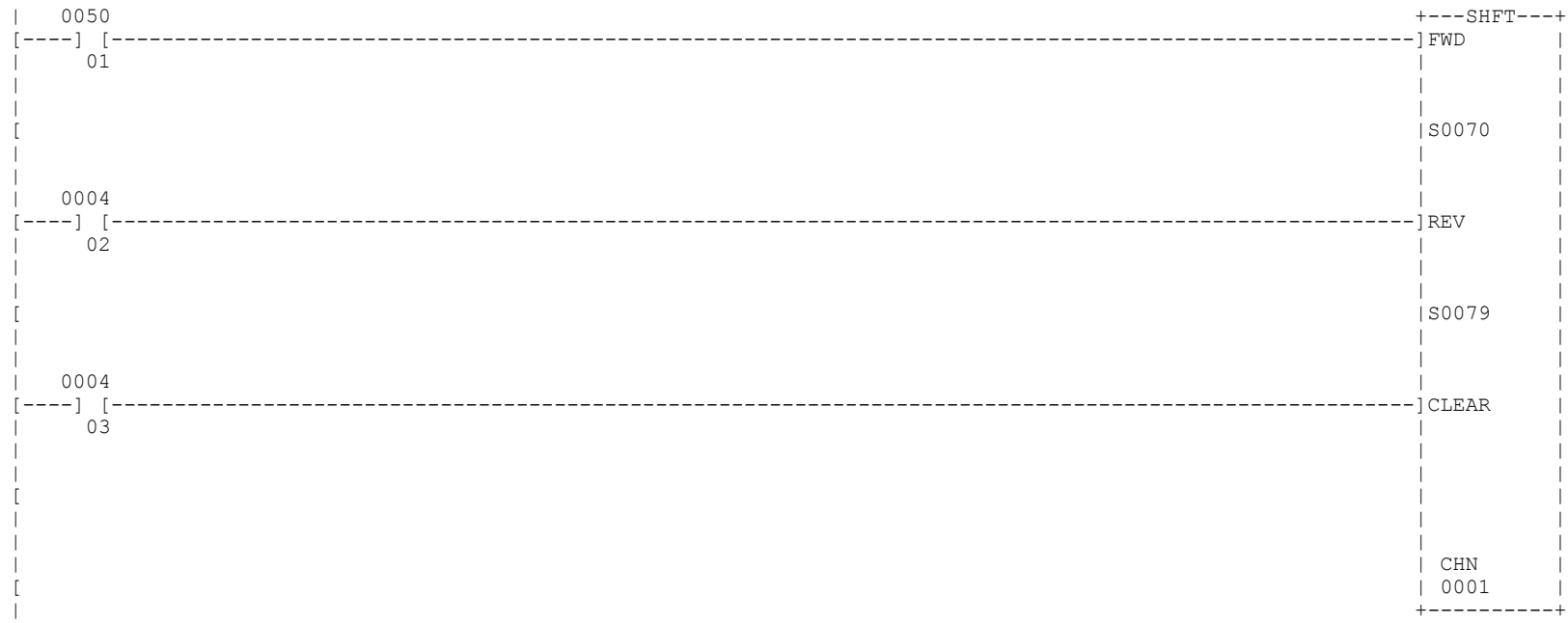
```
|                                     +-----+  
[---OPEN-----] GOTO      0002  [  
|                                     +-----+
```

Rung # 0022  
Rung # 0022

```
|                                     +-----+  
[-----]LET      S0068    =S0067    ^ 00255    vS0067    o 08192  [  
|                                     +-----+
```

Rung # 0023

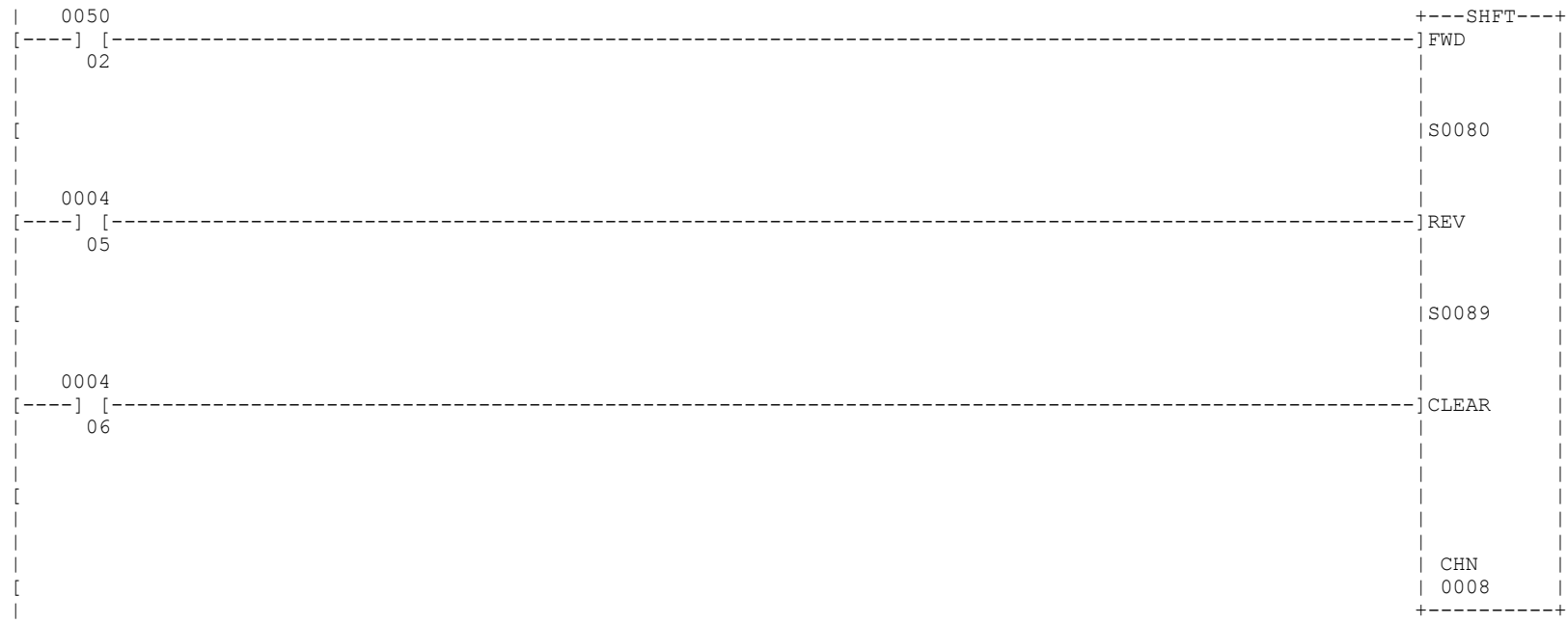
Rung # 0023





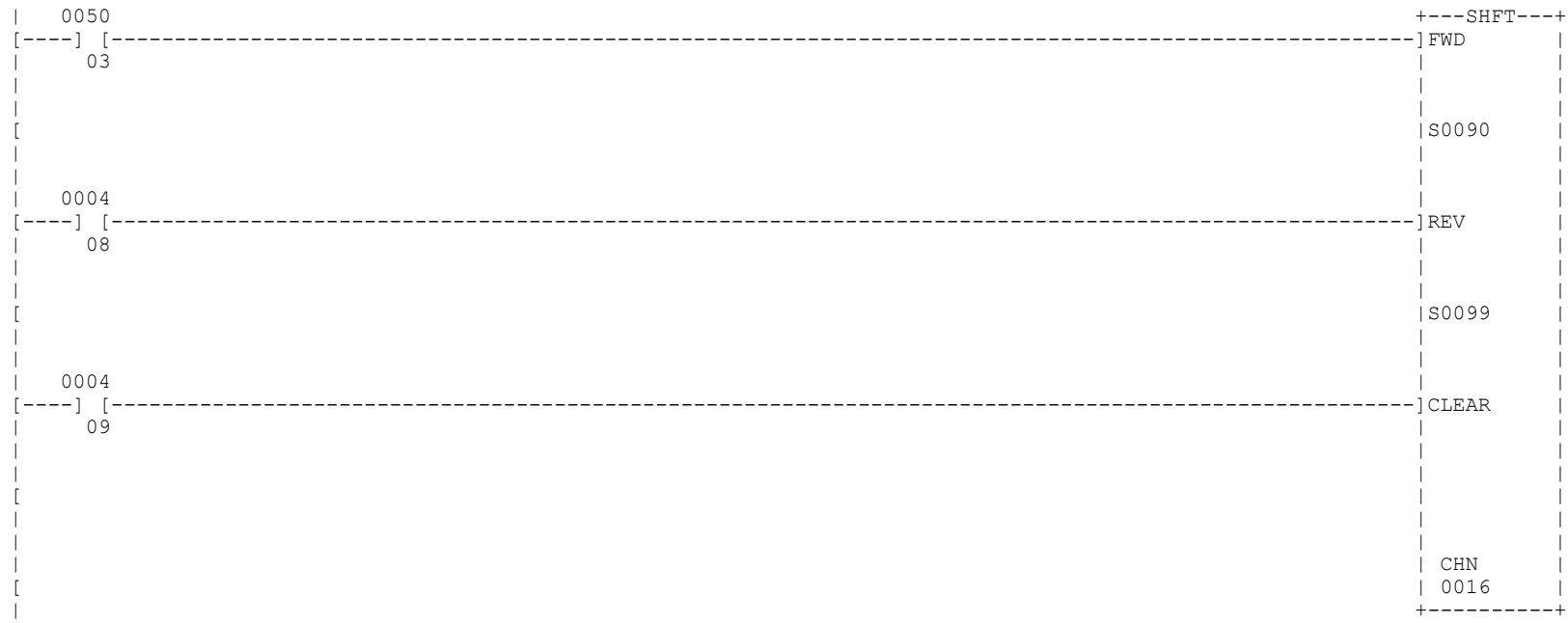
Rung # 0024

Rung # 0024



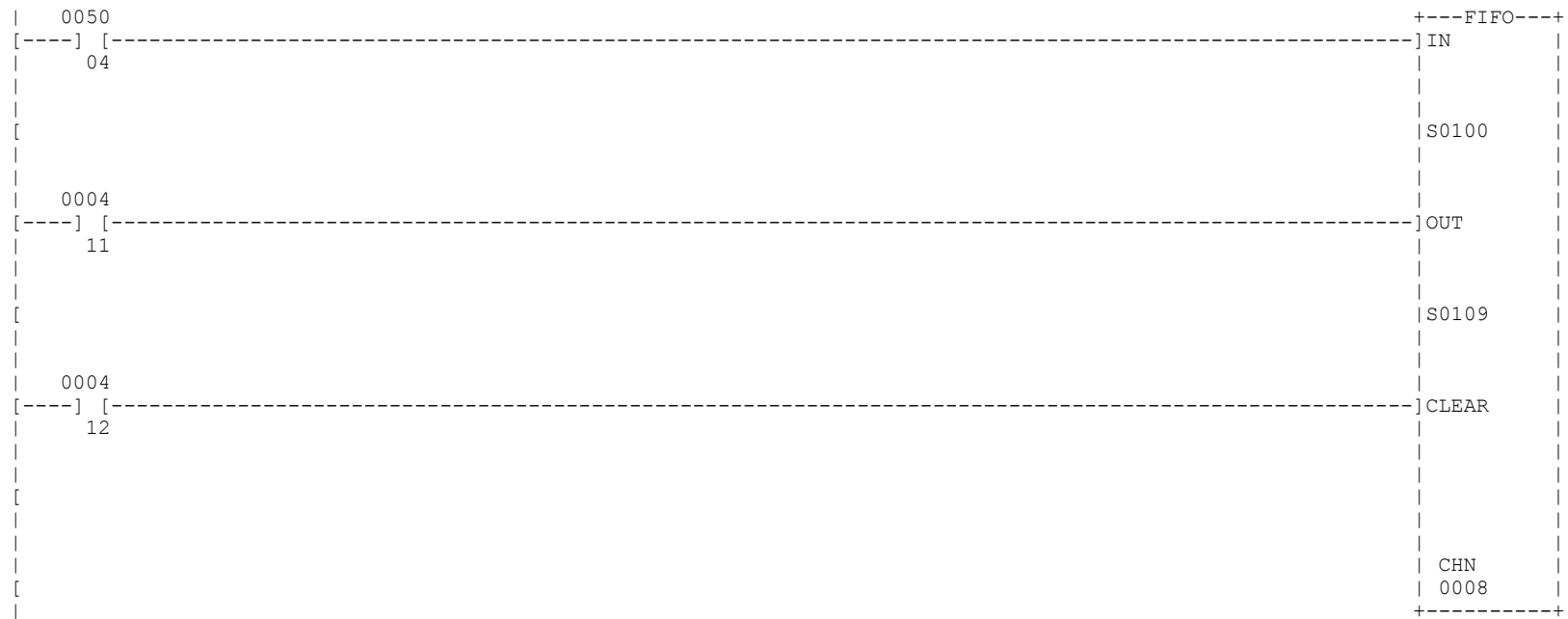
Rung # 0025

Rung # 0025

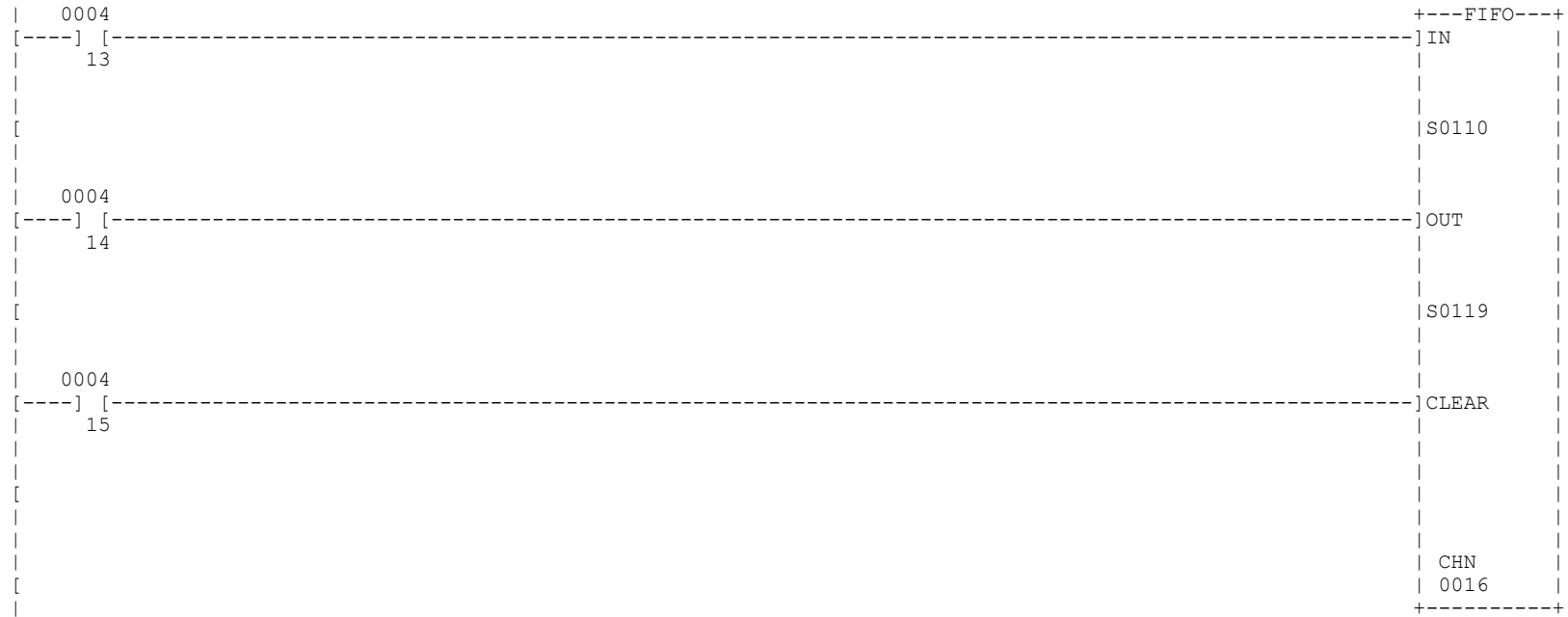


Rung # 0026

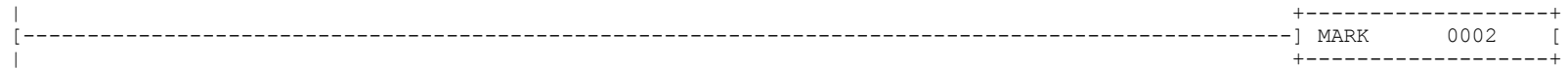
Rung # 0026



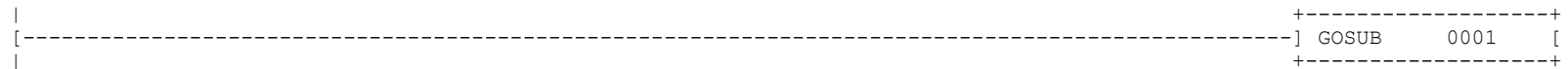
Rung # 0027  
Rung # 0027



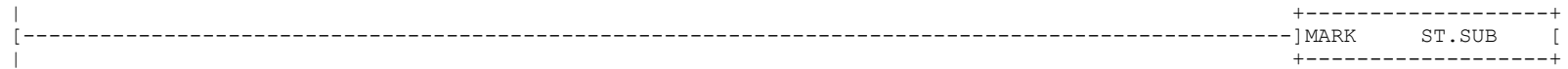
Rung # 0028  
Rung # 0028



Rung # 0029  
Rung # 0029



Rung # 0030  
Rung # 0030



Rung # 0031  
Rung # 0031

```
|
|-----] MARK      0001  [
|-----+
```

Rung # 0032  
Rung # 0032

```
|
|-----+-----ROUTE-----STAT-----LOCAL-----REMOTE-----COUNT-----+
|-----TREAD1      003      S0200      S0250      S0300      0050  [
|-----+
```

Rung # 0033  
Rung # 0033

```
|
|-----+-----ROUTE-----STAT-----LOCAL-----REMOTE-----COUNT-----+
|-----TWRTE1      003      S0400      S0450      S0500      0050  [
|-----+
```

Rung # 0034  
Rung # 0034

```
|
|-----+-----ROUTE-----STAT-----REMOTE-----CODE-----+
|-----TALRM1      004      S0600      S0599      5535  [
|-----+
```

Rung # 0035  
Rung # 0035

```
|
|-----+-----STAT-----REG-----+
|-----TPRNT1      S0610      S0600  [
|-----+
```

Rung # 0036  
Rung # 0036

```
|
|-----+-----+
|-----] RTN      0001  [
|-----+
```

