8.27 - Notes
ELE239

AND Truth Table

A	B	Y
1	1	1
1	0	0
0	1	0
0	0	0

NAND Truth Table

A	B	Y
1	1	0
1	0	1
0	1	1
0	0	1

OR Truth Table

A	B	Y
1	1	1
1	0	1
0	1	1
0	0	0

NOR Truth Table

A	B	Y
1	1	0
1	0	0
0	1	0
0	0	1

```
Basic Ladder Logic – IEC Symbols
```

Inputs:

NO - —| |—

NC - —|/|—

Outputs:

Coil - —( )—

Negated Coil - —(/)—