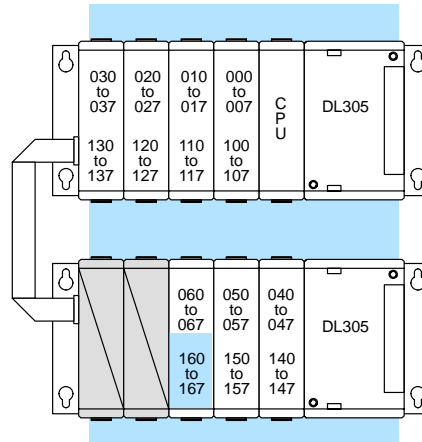


DL330/DL330P Rules for 16 Point Modules

The DL330 CPU can address up to seven 16 point modules as long as they reside in the seven slots adjacent to the CPU, however; there is one circumstance where the number of 16 point modules can be limited.

- Only six 16 point modules can be used if High Speed Counter modules are installed in the system. The 16 point modules must reside in the six slots adjacent to the CPU.

NOTE: The High Speed Counter module is considered to be a 16 point module.



- Addresses 160 – 167 are not available as I/O if High Speed Counter modules are used in the system

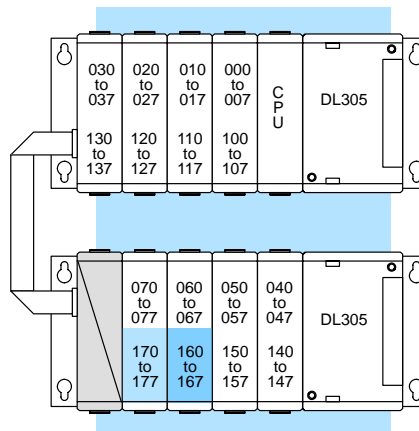
NOTE: Addresses 160–167 are normally used as CRs, but they can also be used as I/O for 16 point modules. You cannot use the points as both CRs and I/O. Also, when you use these as I/O points, you still enter them as C160–C167 in **DirectSOFT**.

DL340 Rules for 16 Point Modules

The DL340 CPU can address up to eight 16 point modules as long as they reside in the eight slots adjacent to the CPU, however; there are circumstances where the number of 16 point modules can be limited.

1. Only seven 16 point modules can be used if a Thumbwheel Interface module is installed in the system. The 16 point modules must reside in the seven slots adjacent to the CPU.
2. Only seven 16 point modules can be used if High Speed Counter modules are installed in the system. The 16 point modules must reside in the six slots adjacent to the CPU, skipping one slot, and using the 8th slot from the CPU for the last of the 16 point modules.
3. Only six 16 point modules can be used if a High Speed Counter and a Thumbwheel Interface module are installed in the system. The 16 point modules must reside in the six slots adjacent to the CPU.

NOTE: Both High Speed Counter and Thumbwheel Interface modules are considered to be 16 point modules.



- Addresses 170 – 177 are not available as I/O if a Thumbwheel Interface module is used in the system
- Addresses 160 – 167 are not available as I/O if High Speed Counter modules are used in the system
- Addresses 160 – 167 and 170 – 177 are not available as I/O if both High Speed Counters and a Thumbwheel interface module are used in the system.

NOTE: Addresses 160 – 177 are normally used as CRs, but they can also be used as I/O points if you are using 16 point modules. Remember, if you use these locations as I/O points you cannot use them as CRs. Also, when you use these as I/O points, you still enter them as C160–C177 in **DirectSOFT**.