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Find the *Schneider Electric / Telemecanique / Square D 140 CPU 113 02* at our website: *Click HERE*

## Specifications

The following table shows the specifications for the CPU21304 controller module.

| Specifications | | | | |
|---|---|---|---|---|
| **User Logic/Reference Capacity** | **984 Ladder Logic** | **Discrete** | **Register** | **Extended Register** |
| | 32 k words | 64 k | 57 k | 80 k |
| | 48 k words | 64 k | 28 k | 0 k |
| | 57,766 4XX registers max<br>Only if:<br>0XXX = 16 and<br>1XXX = 16 and<br>3XXX =16 | | | |
| Discrete | 64 k - any mix | | | |
| **Local I/O (Main Backplane)** | | | | |
| Maximum I/O Words | 64 In and 64 Out* | | | |
| Maximum Number of I/O Racks | 2 (Requires expander) | | | |
| **Remote I/O** | | | | |
| Maximum I/O Words per Drop | 64 In and 64 Out* | | | |
| Maximum Number of Remote Drops | 31 | | | |
| **Distributed I/O** | | | | |
| Maximum Number of Networks per System | 3** | | | |
| Maximum Words per Network (For every DIO drop, there is a minimum of words input of overhead.) | 500 In and 500 Out | | | |
| Maximum Words per Node | 30 In and 32 Out | | | |
| **Watchdog Timer** | 250 ms (software adjustable) | | | |
| **Logic Solve Time** | 0.3 ms / k to 1.4 ms / k | | | |
| **Battery** | 3 V Lithium | | | |
| Service Life | 1200 mAh | | | |
| Shelf Life | 10 years with 0.5% loss of capacity per year | | | |
| **Battery Load Current @ Power-off** | | | | |
| Typical | 5 µA | | | |
| Maximum | 110 µA | | | |
| **Communication** | | | | |
| Modbus (RS-232) | 1 serial port (9-pin D-shell) | | | |


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