

C516 – Inputs and Outputs

| Inputs | | |
|---------------|----------|---------------------------------------|
| Item | Terminal | Description |
| 1 | R1, R2 | 24 VAC Hot supply from Transformer |
| 2 | C1, C2 | 24 VAC Common supply from Transformer |
| 3 | C | 24 VAC Common - to thermostat |
| 4 | R | 24 VAC Hot to - thermostat |
| 5 | Y | Compressor command – from Thermostat. |
| 6 | O | O- Reversing Valve |
| 7 | HP1, HP2 | High Pressure sensor. |
| 8 | LP1, LP2 | Low Pressure sensor. |
| 9 | FS, FS2 | Freeze sensor. |
| 10 | CO, CO2 | Condensate sensor. |

| Outputs | | |
|----------------|---------|--|
| 11 | CC, CCG | Compressor contactor (24VAC) energized after 5 minutes anti short cycle timer. |
| 12 | A | Motorized water valve, energized 30 seconds before compressor energizes. |
| 13 | L | Alarm(24 Hot when fault occurs), |

Jumpers

| | | |
|----|------|--|
| 14 | WSD | Water solenoid energize with Y signal. If Jumper is removed the water solenoid energizes and compressor will start after 10 seconds from Y closure. |
| 15 | TEST | Removal of the jumper speeds up all timings by a factor of 60. |
| 16 | O/V | Under / Over voltage protection disabled by removing the O/V jumper. |

