





Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7CA4D/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 4/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7CD52/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 5/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7D0F5/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 6/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7D5A9/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 7/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7DA89/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 8/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/sheet5EE7DE38/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 9/10 Each  $\overline{\text{VALVE}}$  signal is connected via a pullup capacitor to +5V That way if the signal isn't pulled to GND, the valve will not receive power K? HF3-57 \_OPEN(NC) VALVE\_OUTD-⊸dVALVE\_PWR Valves are active low. If  $\overline{\text{VALVE}}$  is LOW, then VALVE\_OUT is connected to VALVE\_PWR Else, VALVE\_OUT is connected to nothing (OPEN) Sheet: /controls\_box/valve\_control/ File: Valve Control.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (5.1.5)-3 ld: 10/10