GCS
Global Control Solutions

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CATEGORY: Hardware

BULLETIN: BASYX PSC to PSC2 Upgrade Wiring

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The BASYX PSC2 controller is a direct replacement for the prior version PSC. The PSC2 utilizes stand-offs for direct mounting, but will also snap into the existing PSC2 mounting track.

The PSC2 uses different plug-in terminals (green), however the existing PSC2 connectors (tan) will plug directly onto the PSC2 for easy replacement. The location of all universal inputs, digital inputs and analog outputs is the same on the PSC2 as on the PSC.

When replacing a PSC controller with the PSC2, the digital outputs MUST be re-wired due to a change in the C/NO/NC order for the relay outputs.

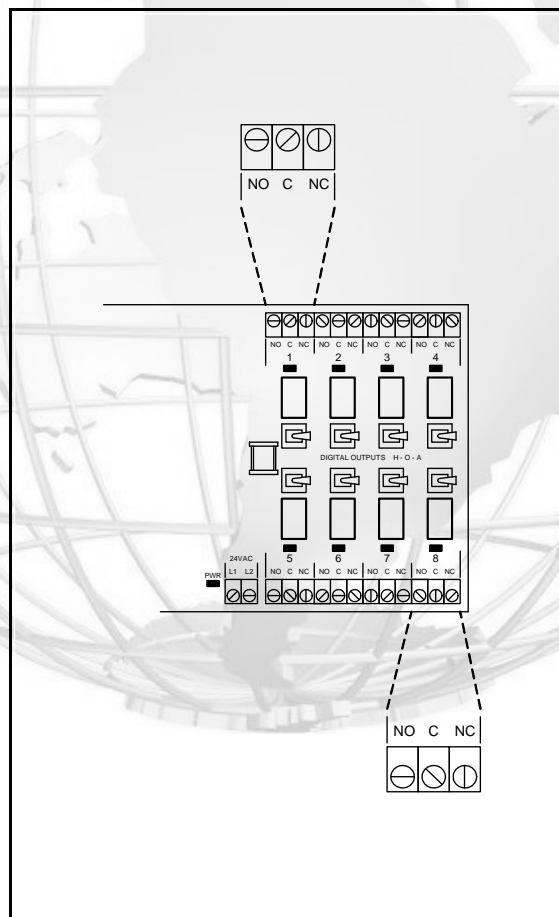Figure 1 shows the layout of the digital output terminals on the PSC ...

Figure 1: PSC Digital Output Terminal Layout

Notice that both rows are NO-C-NC left to right on both rows.

The 24V power connection is on the same side of the board, but a little further to the left of the digital output terminals. The RS485 communications are in the same location on the lower left, however the PSC2 utilizes only 2 terminals (+/-) and the REF terminal is no longer available.

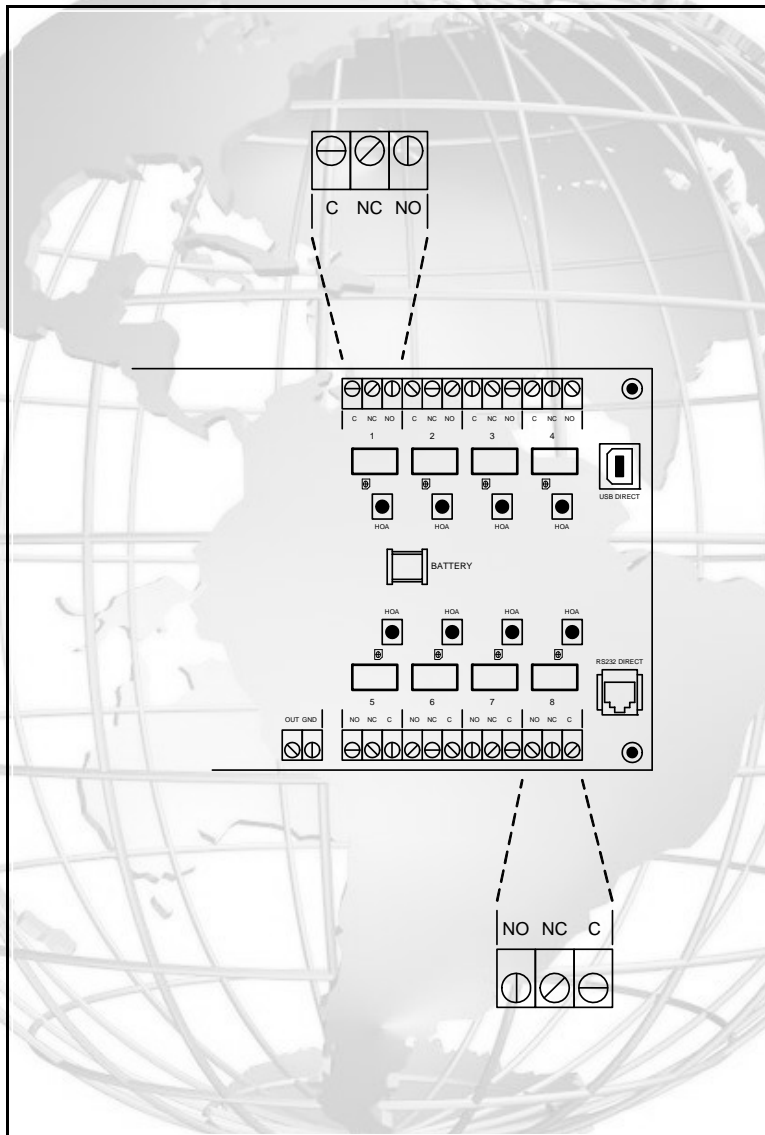Figure 2 shows the layout of the digital output terminals on the PSC2 ...

Figure 2: PSC2 Digital Output Terminal Layout

On the PSC2 the top row is configured as C-NC-NO left to right as shown, the bottom row is rotated 180 degrees and is configured as NO-NC-C left to right.

All existing wiring, including jumpers, must be disconnected from existing PSC and reconnected as required on the PSC2.

Contact GCS for more information.