

Date: 08/19/15	Author: MLB
Product: LaserWash® <input type="checkbox"/> 4000 <input type="checkbox"/> G5 <input checked="" type="checkbox"/> M5 <input checked="" type="checkbox"/> 360 <input type="checkbox"/> AutoXpress™ ProTouch® <input checked="" type="checkbox"/> Tandem™ <input checked="" type="checkbox"/> ICON™ <input type="checkbox"/> Access® <input type="checkbox"/> MaxAir®	
Product Serial No:	
Code: 5 - Notice of new products or product changes (no action required).	
Subject: Updated In-Bay and Entrance sign boards	

PDQ has updated the 04580021 In-Bay and 04580031 Entrance sign boards. The 04580021 is used in the LaserWash 360, LaserWash M5, and ProTouch Tandem in-bay sign enclosure. The 04580031 is used in the LaserWash 360, LaserWash M5, ProTouch Tandem, and ProTouch Icon entrance sign enclosure.

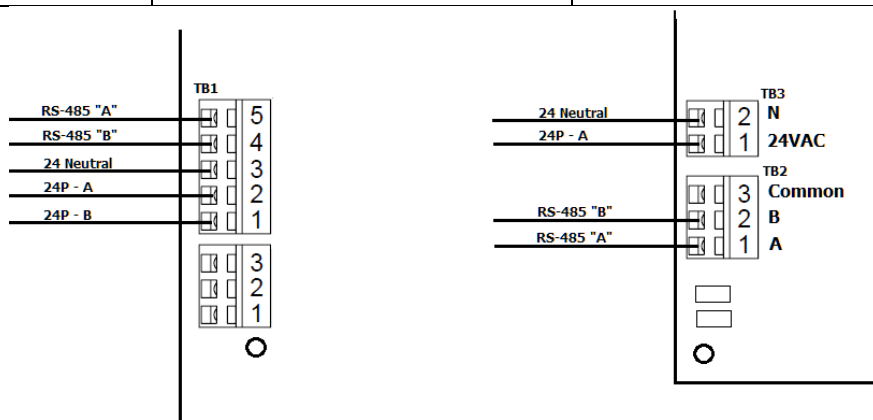
These updates were made to manage component obsolescence, increase reliability, and add functionality. The updated boards are compatible with the existing boards, but will require minor wiring changes.

The terminal blocks on the newest revision of the sign are located in the same location of the board (lower left-hand corner), but are in a slightly different order. The previous version of the board had the power and RS-485 communication terminations combined into one terminal block, TB1. The newest revision separates that wiring into two terminal blocks; TB2 for the RS-485 (04580021 only), and TB3 for power wiring.

In addition, the newest revision is designed to use just a single phase of 24 VAC. Some installations may have used two phases to power the older revision boards. In those cases, one phase will not be used; that wire can be completely removed or securely taped or capped off.

The table below details the differences in the wiring:

Signal	04580021 Rev 5 and below	04580021 Rev 6
24VAC Phase A or B	TB1 – 1	TB3 – 24VAC
24VAC Phase A or B	TB1 – 2 (may not be present)	No connection, remove wire and securely tape or cap off
24 Neutral	TB1 – 3	TB3 – N
RS-485 “B”	TB1 – 4	TB2 – B
RS-485 “A”	TB1 – 5	TB2 – A



Parts and Assemblies:

Description	Part Number	QTY
CIRCUIT-BOARD,COMMON-SMART-SIGN,COMPLETE	04580021	
CIRCUIT-BOARD,ENTRANCE-SIGN,COMPLETE	04580031	

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