

	Doc or ECO #:	001	Date:	6/11/18	Author:	KB
	Rev. #:	1				
Engineering Change Order (ECO)	Engineering Approval:	AEG	Date:	8/27/18	Quality Approval	aeg

P/N #:	52362	Effective Date:	August 27, 2018
Title:	IP65 Panel PEM Size Revision		

1.0 Purpose / Summary

The PEM inserts which are used to mount the IP65 Panel accessory board could easily be turned out of the panel when tightening the screws. The PEM studs were increased from a 6-32 screw size to an 8-32 screw size to increase the turn out and tear out resistance.

2.0 Parts Affected

Part Number	Notes	Removed	Added	New	Modified
70279	IP65 Panel Sheet Metal Housing	☐	☐	☐	☒
PN4-014B	Pro4 Panel Part Accessory Board	☐	☐	☐	☒
91115A135	Female Threaded Hex Standoff Hex 1-1/2" Length 6-32 Screw Size 18-8	☒	☐	☐	☐
91115A203	Female Threaded Hex Standoff Hex 1-1/2" Length 8-32 Screw Size 18-8	☐	☒	☐	☐
91772A148	Screw #6-32 x 1/2" Pan Head Phillips SS	☒	☐	☐	☐
91772A150	Screw #6-32 x 5/8" Pan Head Phillips SS	☒	☐	☐	☐
91772A194	Screw #8-32 x 1/2" Pan Head Phillips SS	☐	☒	☐	☐
91772A196	Screw #8-32 x 5/8" Pan Head Phillips SS	☐	☒	☐	☐

3.0 Detail

The PEM inserts which are used to mount the IP65 Panel accessory board could easily be turned out of the panel when tightening the screws. The PEM studs were increased from a 6-32 screw size to an 8-32 screw size to increase the turn out and tear out resistance.

Note there is currently (8/27) additional BOM work being done. The bom updates will occur with that ECO.

4.0 Disposition of Material

Material may be scrapped once new material has been reviewed. Until then use available stock.
Rework stock of PN4-14B as needed.

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5.0 Action Items

Action	Department	Acknowledgement Initials
Update BOM in Epicor for hardware changes	engineering	CH
Send updated drawing for 70279 and PN4-014B to vendors	purchasing	TB

6.0 Modified / Referenced Documents:

Document	Current Revision
PN4-014B	G
70279	E

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
6/11/2018	-	Document Created	KB