

Engineering Department

Engineering Change Order (ECO)

ECO #: ECO-50261-001

Effective Date: January 3, 2017

Title: IP65 Panel Cable Retention

Author: Katie Bentley
Engineering Approval: aeg
Operations Approval: jv

Date: January 3, 2017
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Summary:

Components were added and modified in the IP65 Panel Assembly to help with cable retention within the panel.

Parts Affected:

Part Number	Notes	Removed	Added	Modified
70278	Changed Panel cutouts to fit new circular USB connectors	☐	☐	☒
52223	Added insert to cable retention comb to fit USB Type B Right Angle Cable and Power Cable	☐	☒	☐
91772A110	Screw #4-40 x 1/2" Pan Head Phillips SS, Qty 1	☒	☐	☐
91772A112	Screw #4-40 x 5/8" Pan Head Phillips SS, Qty 1	☐	☒	☐
52040	IP67 USB Type A Receptacle with Cover	☒	☐	☐
52039	IP67 USB Type A Connector Kit	☒	☐	☐
52043	IP67 USB Type B Plug Connector Kit	☒	☐	☐
52044	IP67 Bayonet Receptacle Cover	☒	☐	☐
52045	IP67 USB Type B Receptacle	☒	☐	☐
52291	IP68 USB Type A Connector Cable	☐	☒	☐

52292	IP68 USB Type B Connector Cable	☐	☒	☐
52288	IP68 USB Type B Receptacle to USB Type B Cable	☐	☒	☐
52289	IP68 USB Type A Receptacle to USB Type A Cable	☐	☒	☐
52290	Sealing Cap for IP68 USB Panel Connectors	☐	☒	☐

Detail:

The IP65 panel was revised to include more cable retention for the USB Type B cable and Power Cable on the USB hub and the IP65 Circular USB connectors. The panel plate was revised with new cutout geometry for mounting the new circular USB connectors.

Action Item:

Action	Department	Acknowledgement Initials
Create assembly instructions detailing how to install new components	Engineering	KB
Update SolidWorks assembly and BOM to include new components	Engineering	KB
Update IP65 Panel (50261) BOM in Epicor	Engineering	
Update models and drawing for IP65 Panel Plate (70278) and Panel Plate Assembly (70279) in SolidWorks	Engineering	KB
Update part number revision for IP65 Panel Plate Assembly (70279) in Epicor	Engineering	
Reconcile PDM BOM with Epicor BOM	Engineering	
Update Protocase files with new 70278 step file and new 70279 drawing	Engineering	KB
All new orders should reference part number 70279 Rev B	Purchasing	

Modified / Referenced Documents:

Document	Current Revision
IP65 Panel Plate Assembly Drawing - 70279	B

-- END OF ORDER --