



PRODUCT CHANGE NOTIFICATION

CO & OUTSIDE PLANT PRODUCTS



Bourns® Model 2377 MSP®/TBU® Series Digi-Guard™ Station Protectors

Supply, Design and Tip-to-Ground and Ring-to-Ground Capacitive Balance Change

Riverside, California – July 12, 2023 – Effective September 18, 2023, in order to accommodate supply changes, Bourns will make design and capacitance changes to the [Model 2377 MSP®/TBU® Series Digi-Guard™ Station Protectors](#).

Due to supply changes, the PCB had to be redesigned to fit the new cable connectors used in the product. This redesigned PCB will cause the Tip-to-Ground and Ring-to-Ground capacitive balance change to increase from <1 pF to <2 pF for the Station Protector. A list of affected part numbers is included below.

Affected Part Numbers

2377-45-BC-TBU	2377-45-HS-TBU
----------------	----------------

Only the function of the affected part numbers will change due to the new electrical specifications of capacitance and this change will not affect the form, fit, quality or reliability of the affected part numbers.

Samples built with the above-described changes are available upon request. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that manufacturing of product with the existing cable connector supplies, design and capacitive balance change will cease: **September 18, 2023**

Date that deliveries of the modified product with the new cable connectors, design and capacitive balance change will begin: **September 25, 2023**

First date code using the above changes: **0823**

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).

Users should verify that the described changes will not impact the performance of the product in their specific applications.

OSP2311