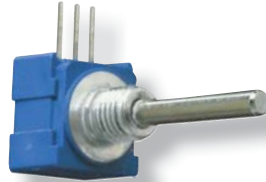


Product Change Notification

PANEL CONTROLS

December, 2014



Bourns® Model 51/53 Series Panel Controls Change to Terminal Material

The terminal material in the Bourns® [Model 51/53 Series](#) Panel Controls is being changed from CI 100 1/2 Hard Copper Alloy (tensile strength: 35-45 KSI) to CA 510 Phosphor Bronze (tensile strength: 76-91 KSI). The terminal design within the housing is also being modified to add material for improved bend strength. The external terminal dimensions will remain unchanged.

This change is being implemented to improve the tensile strength of the terminal. This change does not affect form, fit or function of the product. However, this change should improve the quality and reliability of the terminal.

This material change has been qualified and approved by Engineering, Product Management and Production for implementation in standard catalog and customer-specific part numbers. This change meets current published performance specifications. Evaluation samples are available upon request.

For the complete list of affected part numbers please refer to Table 1 on the following pages.

Implementation dates are as follows:

Last time buy date: March 6, 2015

Date that manufacturing of existing product will cease: March 31, 2015

Date that deliveries of modified products will begin: April 1, 2015

First date code using the above changes: 1513

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

Affected Part Numbers

51AAA-B24-A10L	51AAD-B28-E18L	51ABL-C20-S15/S15L	51CAD-E24-B13L
51AAA-B24-A13L	51AAD-B28-S15L	51ABLC20GA0/415L	51CAD-E24-B15L
51AAA-B24-A15L	51AAD-B28-S20L	51ABM-Z20-GA0/404L	51CAD-E24-B18L
51AAA-B24-A18L	51AAD-B28-S23L	51ABN-B24-T17/T17L	51CAD-E24-D20L
51AAA-B24-A20L	51AAD-B28-S32L	51ACD-B16-A23/003L	51CAD-E24-E20L
51AAA-B24-B10L	51AAD-C20-A16L	51ACN-B24-GA0/412L	51CAD-E24-E22L
51AAA-B24-B13L	51AAD-C20-F30L	51ACN-B24-GA0/417L	51CAD-E24-E25L
51AAA-B24-B15L	51AAD-C24-A13L	51ADD-B24-A20L	51CAD-E24-F15L
51AAA-B24-B18L	51AAD-C24-A15L	51AEA-B24-E18L	51CAD-E28-A10L
51AAA-B24-B20L	51AAD-C24-D15L	51AED-B20-B10L	51CAD-E28-A13L
51AAA-B24-B27L	51AAD-C28-A15L	51AED-B32-B17L	51CAD-E28-A15L
51AAA-B24-D10L	51AAD-C28-GA0/300L	51AEN-B28-B20L	51CAD-E28-A20L
51AAA-B24-D13L	51AAL-C20-A13L	51AEN-B28-B23L	51CAD-E28-B15L
51AAA-B28-A15L	51AAL-C20-GA0/414L	51CAA-B24-B27L	51CAD-E28-B18L
51AAA-B28-B15L	51AAL-C20-S15L	51CAA-E16-B15L	51CAD-E28-D13L
51AAA-B28-D15L	51AAL-C28-E17L	51CAA-E24-A10L	51CAD-E28-D15L
51AAA-B28-D18L	51AAL-C28-S22L	51CAA-E24-B15L	51CAD-E28-D20L
51AAA-B28-GA0/418L	51AAL-C28-S25L	51CAA-E24-B27L	51CAD-Z16-GA0/167L
51AAA-B32-B13L	51AAM-Z20-GA0-408L	51CAA-E28-D15L	51CAL-D20-A17L
51AAA-B32-D15L	51AAM-Z20-GA0/403L	51CAA-E28-GA0/245L	51CAL-E12-A12L
51AAA-B32-GA0/146L	51AAM-Z20-GA0/404L	51CAA-Z36-GA0/170L	51CAL-E20-B15L
51AAA-B32-GA0/238L	51AAM-Z20-GA0/405L	51CAD-D12-A15L	51CAM-D24-C15L
51AAA-C20-B15L	51AAM-Z20-GA0/406L	51CAD-D16-B15L	51CAM-E24-GA0/295L
51AAA-C24-B15L	51AAM-Z20-GA0/407L	51CAD-D16-B25L	51CAN-D20-B13L
51AAA-C24-GA0/299L	51AAM-Z20-GA0/408L	51CAD-D16-D20L	51CAN-D20-B15L
51AAA-C24-GA0/342L	51AAM-Z20-GA0/409L	51CAD-D16-G15L	51CAN-D20-D10L
51AAA-C24-GA0/343L	51AAM-Z24-GA0/402L	51CAD-D16-S25L	51CAN-D20-D13L
51AAA-C24-GA0/429L	51AAN-B24-B15L	51CAD-E12-GA0/107L	51CAN-D20-D17L
51AAA-C28-A11L	51AAN-B24-B20L	51CAD-E12-H17L	51CAN-D20-G17L
51AAA-C28-A15L	51AAN-B24-D15L	51CAD-E16-B15L	51CAN-D20-G22L
51AAA-GA0342L	51AAN-B24-D22L	51CAD-E16-B18L	51CAN-D20-GA0/401L
51AAC-C28-GA0/143L	51AAN-B28-A13L	51CAD-E16-B20L	51CAN-D24-D15L
51AAC-C28-GA0/319L	51AAN-B28-D20L	51CAD-E16-D20L	51CAN-D24-GA0/358L
51AAD-B24-A15L	51AAN-C24-A15L	51CAD-E16-S15L	51CAN-E28-A18L
51AAD-B24-A20L	51AAN-C24-A25L	51CAD-E16-T12L	51CAN-E28-D15L
51AAD-B24-A25L	51AAN-C32-A15L	51CAD-E20-A10L	51CAN-E28-GA0/354L
51AAD-B24-B15L	51AAN-C32-GA0/349L	51CAD-E20-B13L	51CAN-Z19-GA0/344L
51AAD-B28-A13L	51ABA-C20-B15/B15L	51CAD-E20-B18L	51CBA-Z36-GA0/169L
51AAD-B28-A15L	51ABD-B28-A15/A15L	51CAD-E20-E15L	51CBD-D16-G20/G20L
51AAD-B28-C13L	51ABD-B28-B15/B15L	51CAD-E20-S15L	51CBD-E16-S15/S15L
51AAD-B28-D15L	51ABD-B28-D18/D18L	51CAD-E24-A10L	51CBD-E16-T15/T15L
51AAD-B28-E12L	51ABD-C20-B15/B15L	51CAD-E24-A15L	51CBD-E16-T18/T18L
51AAD-B28-E15L	51ABL-C20-GA0/415L	51CAD-E24-A20L	51CBD-E20-T20/T20L

Affected Part Numbers (continued)

51CBD-K32-GA0/410L	51RAA-R25-G15L	53AAA-B28-B20L	53ABA-ZZZ-GA0/241L
51CBL-E24-G18/G18L	51RAA-R25-G15LA	53AAA-B28-D13L	53ABA-ZZZ-GA0/243L
51CBN-D20-A15/A15L	51RAD-R22-B10L	53AAA-B28-D15L	53ABA-ZZZ-GA0/291L
51CBN-D20-B15/B15L	51RAD-R22-B13L	53AAA-C20-A20L	53ABD-A28-B25/B25L
51CBN-D20-D20/D20L	51RAD-R22-B15L	53AAA-C24-A13L	53ABD-B20-D15/D15L
51CBN-D20-D22/D22L	51RAD-R22-B18L	53AAA-C24-GA0/324L	53ABD-B20-D15/D5L
51CBN-D24-GA0/359L	51RAD-R22-B20L	53AAA-C28-A15L	53ABD-B20-S15/S15L
51CBN-E28-GA0/355L	51RBA-R25-A10/A10L	53AAA-C28-E13L	53AEA-A28-H13L
51CBN-Z19-GA0/345L	51RBA-R25-A10A10LA	53AAA-C32-B20L	53AEA-B24-E18L
51CEA-D16-A15L	51RBA-R25-D18/D18L	53AAC-C24-B13L	53AED-B24-A15L
51CEA-D16-E15L	51RBA-R25-D18D18LA	53AAD-B16-B13L	53AED-B28-E13L
51CEA-E16-E15L	51RCN-R50-GA0/357L	53AAD-B24-A10L	53AED-B28-E17L
51CED-E16-E15L	51REA-R22-B10L	53AAD-B24-D15L	53AED-B28-E22L
51CED-E16-E18L	51SAD-U13-A13L	53AAD-B28-A16L	53AED-C20-H15L
51CED-E16-Y15L	51SAD-U25-A10L	53AAD-B28-B10L	53AUD-T22-B13L
51CED-E28-B17L	51SAD-U25-A13L	53AAD-B28-E13L	53CAA-D24-A22L
51CEN-D20-E15L	51SAD-U25-A15L	53AAD-B28-E17L	53CAA-E12-B15L
51CEN-E16-GA0/411L	51SAD-U25-A20L	53AAD-B28-E18L	53CAA-E20-A07L
51CEN-E16-GA0411L	51SAD-U25-A25L	53AAD-B28-E22L	53CAA-E20-A08L
51CEN-E20-E15L	51SAN-U13-A15L	53AAD-B28-E23L	53CAA-E20-A10L
51CFD-E16-E15/E15L	51SBA-U16-D15/D15L	53AAD-B28-GA0/149L	53CAA-E20-A12L
51FBD-E20-GA0/332L	51UAD-T16-B16L	53AAD-B28-GA0/416L	53CAA-E20-A13L
51FBD-E20-GA0/333L	51UAD-T16-D15L	53AAD-B28-S15L	53CAA-E20-A15L
51FBD-E20-GA0/338L	51UAD-T25-A15L	53AAD-B28-S17L	53CAA-E20-A17L
51FBN-E24-T10/T10L	51UAD-T25-B13L	53AAD-B28-S20L	53CAA-E20-A18L
51RAA-R25-A10L	51UAL-T22-A15L	53AAD-B28-S23L	53CAA-E20-A20L
51RAA-R25-A10LA	51UAL-T22-A20L	53AAD-B28-S25L	53CAA-E20-A25L
51RAA-R25-A12L	51UBD-T25-G15/G15L	53AAD-B28-Y18L	53CAA-E20-GA0/161L
51RAA-R25-A12LA	51ZAD-Z17-GA0/043L	53AAD-B32-B15L	53CAA-E20-GA0/419L
51RAA-R25-A13L	51ZAN-Z24-GA0/309L	53AAD-B32-D15L	53CAA-E20-GA0/420L
51RAA-R25-A15L	53AAA-B24-A12L	53AAD-C20-A10L	53CAA-E20-GA0/421L
51RAA-R25-A15LA	53AAA-B24-A13L	53AAD-C20-GA0/413L	53CAA-E20-GA0/422L
51RAA-R25-A17L	53AAA-B24-A15L	53AAD-C24-E10L	53CAA-E20-GA0/423L
51RAA-R25-A17LA	53AAA-B24-A18L	53AAD-C28-GA0/300L	53CAA-E20-GA0/424L
51RAA-R25-A18L	53AAA-B24-B15L	53AAD-C28-GA0/413L	53CAA-E20-GA0/425L
51RAA-R25-D10L	53AAA-B24-D15L	53AAL-C20-A13L	53CAA-E20-GA0/426L
51RAA-R25-D10LA	53AAA-B24-E13L	53AAL-C20-D10L	53CAA-E20-GA0/427L
51RAA-R25-D15L	53AAA-B28-A10L	53AAL-C20-D13L	53CAA-E20-GA0/428L
51RAA-R25-D15LA	53AAA-B28-A15L	53AAL-C28-D13L	53CAA-E20-H20L
51RAA-R25-D20L	53AAA-B28-A22L	53AAL-C28-E17L	53CAA-E24-A15L
51RAA-R25-D20LA	53AAA-B28-B14L	53AAL-C28-S22L	53CAA-E28-A13L
51RAA-R25-D25L	53AAA-B28-B15L	53AAL-C28-S25L	53CAA-E28-A15L
51RAA-R25-D25LA	53AAA-B28-B18L	53ABA-G36-GA0/346L	53CAA-E28-B13L

Affected Part Numbers (continued)

53CAA-E28-B15L	53CAD-E24-B20L	53RAA-R25-A08L	53RAD-R22-B18L
53CAA-E28-B18L	53CAD-E24-F15L	53RAA-R25-A10L	53RAD-R22-B22L
53CAA-E28-D13L	53CAD-E24-GA0/330L	53RAA-R25-A12L	53RAD-R25-D15L
53CAA-E28-D15L	53CAD-E24-H06L	53RAA-R25-A13L	53RBA-R25-A08/A08L
53CAA-E28-GA0/152L	53CAD-E28-A10L	53RAA-R25-A15L	53RBA-R25-A10/A10L
53CAD-D16-D15L	53CAD-E28-T15L	53RAA-R25-A18L	53RBA-R25-A11/A11L
53CAD-D20-B18L	53CBA-E20-A13/A13L	53RAA-R25-A20L	53RBA-R25-A13/A13L
53CAD-D28-B15L	53CBD-D28-B15/B15L	53RAA-R25-A23L	53RBA-R25-A15/A15L
53CAD-E12-H15L	53CBD-E20-D15/D15L	53RAA-R25-A25L	53RBD-R22-A22/A22L
53CAD-E16-B20L	53CBD-E24-A15/A15L	53RAA-R25-B15L	53REA-R16-A15L
53CAD-E16-D15L	53CBD-E24-GA0/331L	53RAA-R25-C18L	53SAA-U16-D15L
53CAD-E16-E20L	53CCD-D24-D15/003L	53RAA-R25-GA0/339L	53SAD-U22-B15L
53CAD-E20-C15L	53CEA-Z22-GA0/275L	53RAD-R16-B10L	53UAD-T13-A15L
53CAD-E20-D15L	53CEA-Z28-GA0/274L	53RAD-R16-B15L	53UAD-T16-A15L
53CAD-E20-F10L	53CED-E16-B20L	53RAD-R16-GA0/350L	53UAD-T16-A17L
53CAD-E20-H06L	53CKD-D24-D15/006L	53RAD-R22-A25L	53UAD-T16-A18L
53CAD-E20-T15L	53FAA-E32-A15L	53RAD-R22-B10L	53UAD-T22-B10L
53CAD-E24-A10L	53RAA-R16-D18L	53RAD-R22-B12L	53UAD-T22-B13L
53CAD-E24-A12L	53RAA-R22-A13L	53RAD-R22-B13L	53UAD-T22-B15L
53CAD-E24-B15L	53RAA-R25-A05L	53RAD-R22-B15L	53UAD-T22-B18L