

## Product Change Notification

### CIRCUIT PROTECTION







June, 2015

## Additional Assembly/Test Location and Product Marking Changes for TBU® and TCS™ High-Speed Protectors

In order to support fast growing demand, secure continuity of supply and provide maximum flexibility to our customers, Bourns is adding an additional assembly/test location in the Philippines for TBU® and TCS™ High-Speed Protectors. Currently, such products have a country of origin of China.

In addition, a change to the product marking will be made to Bourns® TBU® and TCS™ High-Speed Protectors to simplify and improve the ease of use. The changes are summarized in the table below.

**Table 1. Bourns® TBU® and TCS™ High-Speed Protectors**

Current Product Marking	New Product Marking
 <p style="text-align: center;">-OR-</p> 	 <p style="text-align: center;">-OR-</p> 
<p><b>XXXX: 4 Digit Product Code</b>                      04GC: P40-G240-WH                      D042: TCS-DL004-250-WH                      D045: TCS-DL004-500-WH                      D047: TCS-DL004-750-WH</p> <p><b>XXXXX: 5 Digit Product Code</b></p> <ul style="list-style-type: none"> <li>• 1st Digit indicates product family</li> <li>• 2nd &amp; 3rd Digits indicate impulse voltage</li> <li>• 4th &amp; 5th Digits indicate trigger current</li> </ul> <p><b>YYYY: Manufacturing Date Code</b></p> <ul style="list-style-type: none"> <li>• 1st Digit indicates the year's 6-month period</li> <li>• 2nd Digit indicates the week number in the 6-month period</li> <li>• 3th &amp; 4th Digits indicate specific lot for the week</li> </ul>	<p><b>XXXX: 4 Digit Product Code</b></p> <ul style="list-style-type: none"> <li>• 1st Digit Indicates product family                          4 – for P40                          8 – for P850                          C – for C series                          D – for TCS-DL series                          A – for TBU-CA series                          T – for TBU-DT series                          L – for TBU-PL series</li> <li>• 2nd &amp; 3rd Digits indicate impulse voltage</li> <li>• 4th &amp; 5th Digits indicate trigger current</li> </ul> <p><b>YWWLL: Manufacturing Date Code</b></p> <p>Y: Year                      WW: Week                      LL: Lot code</p>

There is no change to the fit, function, quality or reliability of the products. The change to the product marking only affects the product's form. The product labels will show the country of origin code.

Assembly of product at the newly added Philippines location will begin in September, 2015. Unless your company has been notified otherwise by Bourns, deliveries of such products may occur 180 days after the date of this notice in January, 2016. Evaluation samples and qualification data are available from August 27, 2015 upon request. For clarification, from January 2016, customers may receive such products from China or the Philippines.

**Table 2. Affected Part Numbers**

TBU-CA025-050-WH	TBU-CA065-050-WH	TBU-DT085-100-WH	P40-G240-WH
TBU-CA025-100-WH	TBU-CA065-100-WH	TBU-DT085-200-WH	P750-G120-WH
TBU-CA025-200-WH	TBU-CA065-200-WH	TBU-DT085-300-WH	P850-G120-WH
TBU-CA025-300-WH	TBU-CA065-300-WH	TBU-DT085-500-WH	P850-G200-WH
TBU-CA025-500-WH	TBU-CA065-500-WH	TBU-PL050-100-WH	C650-100-WH
TBU-CA040-050-WH	TBU-CA085-050-WH	TBU-PL050-200-WH	C650-180-WH
TBU-CA040-100-WH	TBU-CA085-100-WH	TBU-PL060-100-WH	C650-260-WH
TBU-CA040-200-WH	TBU-CA085-200-WH	TBU-PL060-200-WH	C850-100-WH
TBU-CA040-300-WH	TBU-CA085-300-WH	TBU-PL075-100-WH	C850-180-WH
TBU-CA040-500-WH	TBU-CA085-500-WH	TBU-PL075-200-WH	C850-260-WH
TBU-CA050-050-WH	TBU-DT065-100-WH	TBU-PL085-100-WH	R3770-TBU
TBU-CA050-100-WH	TBU-DT065-200-WH	TBU-PL085-200-WH	
TBU-CA050-200-WH	TBU-DT065-300-WH	TCS-DL004-250-WH	
TBU-CA050-300-WH	TBU-DT065-500-WH	TCS-DL004-500-WH	
TBU-CA050-500-WH		TCS-DL004-750-WH	

Implementation dates are as follows:

*We will begin phasing in this process: September 1, 2015*

*Date that deliveries of product from the additional location will begin: January 1, 2016*

*First date code using the above changes: 535*

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