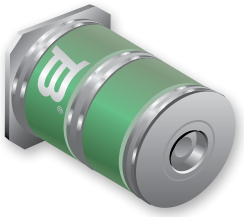
BOURNS®

PRODUCT CHANGE **NOTIFICATION**

GAS DISCHARGE TUBES

REVISED October 26, 2026



2036 Series Miniature 3-Pole Gas Discharge Tube

Change to Manufacturing Location, Design and Materials

Riverside, California – July 10, 2026 – As part of Bourns' strategic initiative to strengthen its global manufacturing footprint, production of 2036 Series - Miniature 3-Pole Gas Discharge Tubes will transition to an expanded manufacturing location, effective January 4, 2027. This initiative reflects the consolidation of production within Bourns' existing manufacturing network, improving operational efficiency and reinforcing supply chain resilience to better serve our customers' evolving demand. A list of affected part numbers is included on page 2.

The country of origin for the 2036 Series - Miniature 3-Pole Gas Discharge Tube will change from Costa Rica to China. The product incorporates a revised design and updated materials aligned with the capabilities and processes of the new manufacturing location. As a result, the form, fit and function will change. Established and standardized quality controls, lot traceability, and continuous monitoring processes across Bourns' manufacturing locations ensure that the quality and reliability of the affected parts will remain unchanged.

The form, fit, and function are changing because the 2036 Series - Miniature 3-Pole Gas Discharge Tube will have updated electrical and mechanical specifications due to part changes associated with the location change. These updated specifications are provided in the Electrical and Mechanical Specifications Changes Table and Impulse Sparkover Specification Changes Table at the end of this document.

These changes have been validated through Bourns' qualification processes, in alignment with applicable industry standards and market requirements. Bourns recommends that customers test the affected part numbers in their specific applications to verify satisfactory performance.

There are no changes to the Bourns® part numbering scheme, branding, safety certification or applicable test methods (ITU-T K.12, IEEE C62.31, IEC 61643-311) for the part numbers listed below.

Parts manufactured prior to January 4, 2027, will reflect the current specifications, while the updated values will apply to all parts from that date forward.

Implementation dates are as follows:

Date that manufacturing of products at the current location will cease: ***December 18, 2026***
Date that deliveries of products manufactured at the new site will begin: ***January 4, 2027***
First date code using the above changes: ***2701***

Bourns may fulfill orders for part numbers listed in the Affected Part Number table from either the current or the new manufacturing site until the existing supply from the current location is exhausted. During this transition period, shipments will reflect the specifications of the producing site, and customers can identify the source through the lot code and date code on each shipment.

GDT2616

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

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Bourns will support customers throughout implementation of this transition. Product samples and technical documentation are available. Additional information can be obtained through Customer Service or Inside Sales.

Affected Part Numbers					
2036-07-BLF	2036-15-BLF	2036-23-BLF	2036-30-BLF	2036-40-BLF	2036-47-BLF
2036-07-B2LF	2036-15-B2LF	2036-23-B2LF	2036-30-B2LF	2036-40-B2LF	2036-47-B2LF
2036-07-B3LF	2036-15-B3LF	2036-23-B3LF	2036-30-B3LF	2036-40-B3LF	2036-47-B3LF
2036-09-BLF	2036-20-BLF	2036-25-BLF	2036-35-BLF	2036-42-BLF	2036-60-BLF
2036-09-B2LF	2036-20-B2LF	2036-25-B2LF	2036-35-B2LF	2036-42-B2LF	2036-60-B2LF
2036-09-B3LF	2036-20-B3LF	2036-25-B3LF	2036-35-B3LF	2036-42-B3LF	2036-60-B3LF

Electrical and Mechanical Specification Changes

Specification	Characteristic	Previous Specification	New Specification
Electrical	Impulse Sparkover Rating Type	Typical	Maximum
Electrical	Impulse Sparkover @ 1000 V/µs	Check Comparative Table	Check Comparative Table
Electrical	Impulse Sparkover @ 100 V/µs	Check Comparative Table	Check Comparative Table
Electrical	Impulse Discharge Current 10/700 µs 500 Operations	200 A	To be excluded from Data Sheet
Electrical	Impulse Transverse Delay 1000 V/µs	< 75 ns	To be excluded from Data Sheet
Electrical	Glow-Arc Transition Current	< 0.5 A	1 A
Electrical	DC Holdover Voltage 135 V 52 V (2036-07, 2036-09) 80 V (2036-15)	< 150 ms	< 150 ms 52 V (2036-07, 2036-09)
Electrical	IR	10 GΩ	1 GΩ
Electrical	AC Discharge Current 50 HZ 1 Sec	10 A	5 A
Mechanical	Length (mm)	7.5 ±0.3	7.2 ±0.3
Environmental	ESD Classification	6	NA
Packaging	2036-xx-B	Bag 100 Units Box 1000 units	PVC Tray 100 units Box 500 units
Packaging	2036-xx-B2	Tray 100 Units Box 1000 units	PVC Tray 100 units Box 500 units
Packaging	2036-xx-B3	Tray 100 Units Box 1000 units	PVC Tray 100 units Box 500 units
Visual Marking	Ink Color	White/Green	Green Shade Variation

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

Impulse Sparkover Specification Changes				
	Impulse Sparkover 100 V/µs		Impulse Sparkover 1000 V/µs	
Model No.	Previous (typical)	New (maximum)	Previous (typical)	New (maximum)
2036-07	250	600	525	700
2036-09	250	500	550	600
2036-15	350	500	500	600
2036-20	425	600	575	700
2036-23	450	600	600	700
2036-25	475	600	625	700
2036-30	500	650	650	750
2036-35	600	650	750	750
2036-40	650	700	825	800
2036-42	675	700	850	800
2036-47	750	800	950	900
2036-60	850	900	1100	1000

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

2036-07-BLF
2036-07-B2LF
2036-07-B3LF
2036-09-BLF
2036-09-B2LF
2036-09-B3LF
2036-15-BLF
2036-15-B2LF
2036-15-B3LF
2036-20-BLF
2036-20-B2LF
2036-20-B3LF
2036-23-BLF
2036-23-B2LF
2036-23-B3LF
2036-25-BLF
2036-25-B2LF
2036-25-B3LF
2036-30-BLF
2036-30-B2LF
2036-30-B3LF
2036-35-BLF
2036-35-B2LF
2036-35-B3LF
2036-40-BLF
2036-40-B2LF
2036-40-B3LF
2036-42-BLF
2036-42-B2LF
2036-42-B3LF
2036-47-BLF
2036-47-B2LF
2036-47-B3LF
2036-60-BLF
2036-60-B2LF
2036-60-B3LF