


Search for part numbers, data sheets, or keywords




# Design Kits - Gas Discharge Tubes

[Home](#) / [Resources](#) / [Design Tools](#) / [Design Kits](#) / Gas Discharge Tubes

Gas Discharge Tubes (GDTs) are used to protect personnel and sensitive equipment from hazardous transient voltages. Bourns® GDTs are used in primary and secondary applications and can withstand multiple applications of high surge current energy in excess of 25 KA. Bourns offers standard 8 mm GDTs and a 5 mm mini series GDT in two and three electrode versions featuring long service life and low capacitance and insertion loss. An optional, proprietary Switch-Grade Fail-Short is offered on the three electrode version to provide superior protection from thermal runaway. Bourns offers [Bourns Online Product Training](#), and a [Bourns® Gas Discharge Tubes Short Form](#). In order to obtain a Bourns® Design Kit please contact your local [Bourns sales office or authorized Bourns distributor](#).

Kit Number	Kit Photo	Description	Part Numbers	Number of Parts
<a href="#">DK-GDT25-01</a>		GDT25 Series Next-Generation Gas Discharge Tubes	<a href="#">GDT25-07</a>	5 pieces of

Leave a message

Kit Number	Kit Photo	Description	Part Numbers	Number of Parts
			<a href="#"><u>GDT25-35</u></a> <a href="#"><u>GDT25-60</u></a>	
<b><a href="#"><u>DK-GDT25-02</u></a></b>		GDT25 Series Next-Generation Gas Discharge Tubes	<a href="#"><u>GDT25-07-S1-BK</u></a> <a href="#"><u>GDT25-09-S1-BK</u></a> <a href="#"><u>GDT25-15-S1-BK</u></a> <a href="#"><u>GDT25-23-S1-BK</u></a> <a href="#"><u>GDT25-35-S1-BK</u></a> <a href="#"><u>GDT25-42-S1-BK</u></a> <a href="#"><u>GDT25-47-S1-BK</u></a> <a href="#"><u>GDT25-60-S1-BK</u></a>	5 pieces of each part
<b><a href="#"><u>DK-GDT28H-01</u></a></b>		GDT28H Series Next-Generation HV 2-Electrode Gas Discharge Tube Arrestor	<a href="#"><u>GDT28H-100</u></a> <a href="#"><u>GDT28H-150</u></a> <a href="#"><u>GDT28H-250</u></a> <a href="#"><u>GDT28H-330</u></a>	5 pieces of each part
<b><a href="#"><u>DK-GDT35-01</u></a></b>		GDT35 Series Next-Generation Gas Discharge Tubes	<a href="#"><u>GDT35-07-S1-BK</u></a> <a href="#"><u>GDT35-09-S1-BK</u></a> <a href="#"><u>GDT35-11-S1-BK</u></a> <a href="#"><u>GDT35-15-S1-BK</u></a> <a href="#"><u>GDT35-23-</u></a>	5 pieces of each part



Leave a message 

Kit Number	Kit Photo	Description	Part Numbers	Number of Parts
			<a href="#"><u>GDT35-35-S1-BK</u></a> <a href="#"><u>GDT35-42-S1-BK</u></a> <a href="#"><u>GDT35-60-S1-BK</u></a>	



Products	Resources	News	Applications	Support	Markets
Products	Technical	New	Automotive	Contact	Automotive
New	Library	Products	Consumer	Sales	Circuit
Products	Design	New	Electronics	Locations	Protection
	Tools	Publications	ESD	Global	Power
	Training	Press	Protection	Locations	Conversion
	Disclaimers,	Releases	Guide	Request	Sensing
	Terms and	Tradeshows	Lighting	Samples	
	Policies	Social	Medical	About Us	
		Media	Military	Careers	
		Blog	Mobile	Sitemap	
			Network		
			Communications		
			Office		
			Machines		

Leave a message

Industrial  
&  
Instrumentation  
Telecommunications

[Disclaimers, Terms and Policies](#) / [CA Transparency in Supply Chains Act](#) / [Cookie Preferences](#)

© 2023 Bourns, Inc. All Rights Reserved.



Leave a message 