

Design Kits - Gas Discharge Tubes

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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
DK-GDT25-01		GDT25 Series Next-Generation Gas Discharge Tubes	GDT25-07	5 pieces of

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



Kit Number	Kit Photo	Description	Part Numbers	Number of Parts
			GDT35-35-S1-BK GDT35-42-S1-BK GDT35-60-S1-BK	



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