

DT Series Expands DIN Mounted SPD Options



DTE SERIES - IEC CLASS II \$\$

UL1449 Listed Edition 4 Type 1CA. DTE is the next evolution of the legendary FDS Series. Enhanced with patented Frequency Discriminating (FD) technology, the DTE continues to function at a high level, even after sustained and abnormal over-voltage events.



DTB SERIES - IEC CLASS II \$

UL1449 Listed Edition 4 Type 1CA. DTB provides many of the same benefits as the DTA series but, is specifically designed to fit within the parameters of IEC Class II environments. The DTB allows the system designer to effectively coordinate protection while keeping total project costs in check.


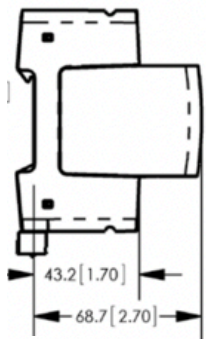







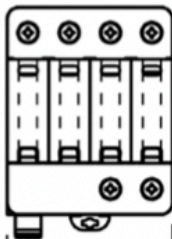


DTA SERIES - IEC CLASS I+II \$\$\$

UL1449 Listed Edition 4 Type 1CA. Complies with: EN 61643-11 Type 1 & 2 IEC® 61643-11 Class I, Class II. Lowest possible VPR combined with a robust high peak surge current rating. All versions of the DT series feature hot swappable modules.



DTE Series Model Selection Guide

	MODEL	VOLTAGE	
	DTE 1M	150VAC Module	
	DTE 2M	350VAC Module	
	DTE 4M	550VAC Module	
	DTE LV	60 VAC Module	
	DTE11R	1 Module, 120 VAC	
	DTE12R	1 Module, 240 VAC	
	DTE14R	1 Module, 480 VAC	
	DTELVR	1 Module, 60 VAC	
	DTE21R	2-Mode, 120 VAC 2w+G	
	DTE22R	2-Mode, 240 VAC 2w+G	
	DTE24R	2-Mode, 480VAC 2w+G	
	DTE2LVR	2-Mode, 60 VAC 2w+G	
	DTE31R	3ph, 120/208 VAC, 3w+G	
	DTE32R	3ph, 240VAC Delta, 3w+G	
	DTE34R	3ph, 277/480 VAC, 3w+G	
	DTE36R	3ph, 600 VAC 3w+G	
	DTE41R	3ph, 120/208 VAC, 4w+G	
	DTE44R	3ph, 277/480 VAC, 4w+G	
	DTE46R	4ph, 400/690 VAC, 4w+G	

[Additional Voltage Configurations Not Shown Here](#)

DTE Series Module Specifications

	DTE 1M	DTE 2M	DTE 4M	DTE LV
Voltage	120V	240V	277/480V	60V
MCOV	150V	300V	550V	75V
In	20 kA In	20 kA In	20 kA In	20 kA In
I _{max}	50 kA 8/20	50 kA 8/20	50 kA 8/20	50 kA 8/20
SCCR	200kAIC	200kAIC	200kAIC	200kAIC
I _{sc}	50kAIC	50kAIC	50kAIC	50kAIC
VPR	600V	1000V	1500V	500V
VPL	1250V	1750V	2300V	800V
Fraquency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Response	<25 ns	<25 ns	<25 ns	<25 ns
Backup Fuse	250A@50kA	250A@50kA	250A@50kA	250A@50kA
Stranded	#4 max	#4 max	#4 max	#4 max
Solid	#2 max	#2 max	#2 max	#2 max
Protection	L-G N-G	L-G N-G	L-G N-G	L-G N-G
TOV 120min	229V withstand	403V	581V	150V withstand
TOV UL/m	229V withstand	629V failsafe	762V failsafe	150V withstand
Torque	3.32 ft lb	3.32 ft lb	3.32 ft lb	3.32 ft lb
Humidity	5-95% RH	5-95% RH	5-95% RH	5-95% RH
Temp	-31 to 185 F			
Enclosure	Thermoplastic UL-94-0 Rating: IP20			
Mount	35mm top hat DIN rail mount			
Status	Remote Alarm Contacts, Mechanical Flag per module			
Remote	1.0 A @ 250 VAC			
Contact	1.0 A @ 125 VAC			
Switching	0.5 A @ 48 VDC, @ 24 VDC, @ 12 VDC			
Certification	VDE, CE, Omega DTB Series			
Complies w	EN 61643-11 Type 2, IEC 61643-11 Class II			
Approvals	UL® 1449 Ed 4.0: Type 1CA (Component Assembly)			

