

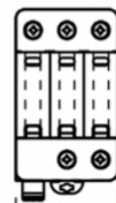
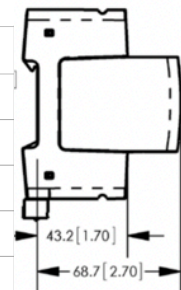
## DTE Series Expands DIN Mounted SPD Options

### DTE SERIES - ENHANCED FD - UL1449

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.



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



## DTE Replaceable 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 <sub>max</sub>	50 kA 8/20	50 kA 8/20	50 kA 8/20	50 kA 8/20
SCCR	200kAIC	200kAIC	200kAIC	200kAIC
I <sub>sc</sub>	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)			

