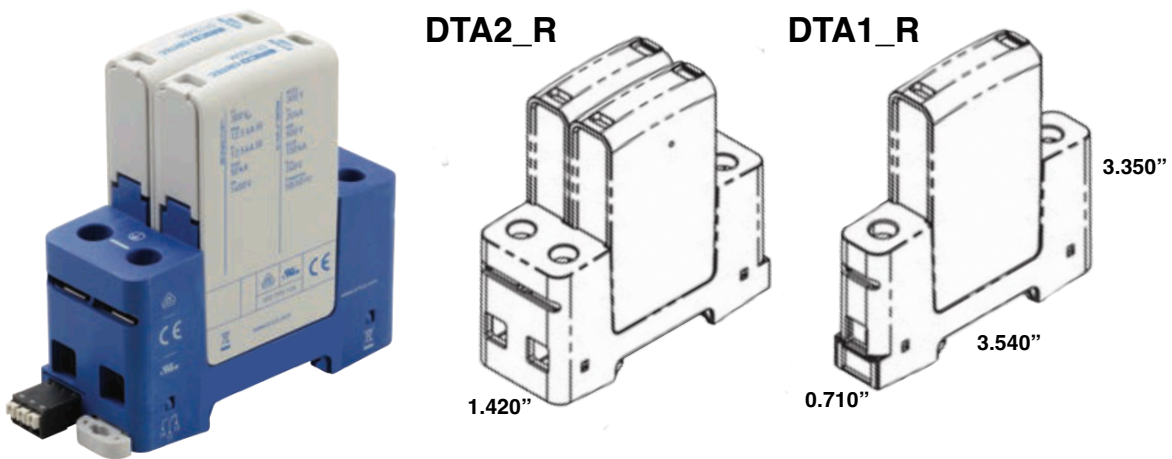


## 120V, 240V, TYPE 1CA SPD

The DIN Rail mounted DTA family of SPDs provide reliable and efficient protection against voltage transients within the UL1449 Type 1 & 2 environments. Tested and certified to the UL1449 Standard, the DTA Series provides a full range of safety and performance features for the harshest environments and is suitable for a wide range of applications.

Compact with a high peak, up to 25kA surge current rating and hot swappable modular design. External back-up fuses may not be required (IEC only). Retaining clip ensures enhanced vibration and shock resistance performance. Red/Green status indication and dry contacts for remote monitoring.



Model	DTA11R	DTA12R	DTA21R	DTA22R
Nominal System Voltage	120V	240V	120V	240V
MCOV	150V	300V	150V	300V
Nominal Discharge Current	20 kA In	20 kA In	20 kA In	20 kA In
Max Discharge Current	12.5 kA 8/20 $\mu$ s	12.5 kA 8/20 $\mu$ s	25 kA 8/20 $\mu$ s	25 kA 8/20 $\mu$ s
Short Circuit Current Rating (SCCR)	200 kA	200 kA	200 kA	150 kA
Voltage Protection Rating	700V	900V	700V	900V
Voltage Protection Level	1000V	1400V	1000V	1400V
Weight (lbs)	0.371 lb	0.402 lb	0.717 lb	0.779 lb
Approvals	UL® 1449 Edition 4.0: Type 1CA (Component Assembly)			

## DTA1 AND DTA2 COMMON SPECIFICATIONS

<b>Approvals</b>	UL® 1449 Edition 4.0: Type 1CA (Component Assembly)
<b>Frequency</b>	50-60 Hz
<b>Nominal Discharge Current</b>	20 kA In
<b>Impulse Current (Iimp)</b>	12.5 kA 10/350 μs
<b>Protection Modes</b>	All Modes
<b>Status</b>	Mechanical flag
<b>Short Circuit Current Rating (Iscrr)</b>	25 kA 50 kA
<b>Back-Up Fuse @ Iscrr</b>	250 A @ 50 kA 315 A @ 25 kA
<b>Enclosure</b>	DIN 43 880, UL94V-0 thermoplastic, IP 20 (NEMA-1)
<b>Connection</b>	#2 - #4 solid and stranded
<b>Mounting</b>	35 mm top hat DIN Rail
<b>Remote Contact</b>	Yes
<b>Remote Contact Switching Capacity</b>	0.5 A @ 12, 24, 48 VDC 1.0 A @ 125, 250 VAC
<b>Temperature</b>	-35°C to 85°C (-31°F to 185°F)
<b>Humidity</b>	5 - 95% RH
<b>Technology</b>	Thermal Disconnect
<b>Torque (TQ)</b>	3.32 ft lb
<b>Complies With</b>	IEC® 61643-11 Class II EN 61643-11 Class I, Class II
<b>Replacement Module</b>	DTA 1M (120V) DTA 2M (240V), DTB 1M (120V), DTB 1M (240V)

