



TDT SERIES

HIGH PERFORMANCE 3-PHASE, 3-WIRE FILTERS

COMPONENTS

PART NO.	ΣCx (uF)	ΣCy (uF)	L (mH)	R (MΩ)	R1 (MΩ)	
08TDT2	1.6	0.17	7.6	2.0	-	
16TDT2	3.4		5.2	1.5	1.1	
25TDT2		1.8	2.2			
36TDT2	4.4		1.3			
50TDT2		2.0	0.8			
PART NO.	Cx1 (uF)	Cx2 (uF)	Cy (nF)	L (mH)	Lg (uH)	R (KΩ)
· 10TDT1W4	0.68	-	10	23	5.2	560
· 10TDT1W4B	4.4	0.68	200	1.5	-	100
· 20TDT1W4		0.08	20			
· 21TDT1W4		1.0	47			

·UL approved

MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM									
PART NO.	FREQUENCY-MHz								
	.01	.05	.10	.15	.50	1.0	5.0	10	30
08TDT2	20	30	40	50	65	65	55	50	50
16TDT2	15	25	35	45	70	65	55	50	50
25TDT2	15	25	35	40	50	50	50	40	30
36TDT2	10	35	50	50	60	60	50	40	55
50TDT2	5	30	50	50	50	50	50	50	50
10TDT1W4	10	10	15	40	65	65	65	50	45
10TDT1W4B	5	35	50	60	60	60	60	40	35
20TDT1W4	5	10	15	25	35	40	50	40	25
21TDT1W4	2	25	35	45	65	65	60	30	15
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM									
08TDT2	10	10	20	50	65	65	55	50	50
16TDT2	10	10	40	50	70	65	55	50	50
25TDT2	10	10	40	45	50	50	50	40	30
36TDT2	10	20	40	50	60	60	50	45	45
50TDT2	5	20	40	45	50	50	50	50	50
10TDT1W4	-	5	5	10	40	50	45	45	50
10TDT1W4B	5	10	15	35	40	40	40	40	35
20TDT1W4	5	10	15	30	60	60	50	40	40
21TDT1W4	5	10	15	35	45	45	40	40	30

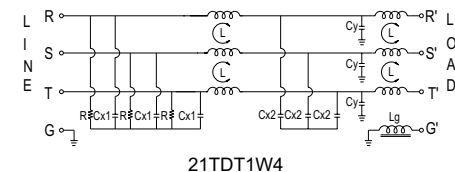
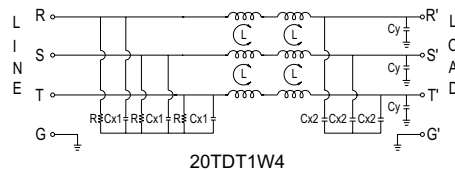
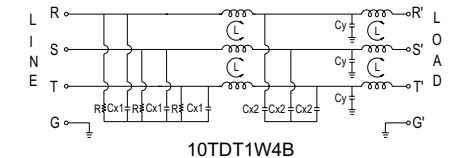
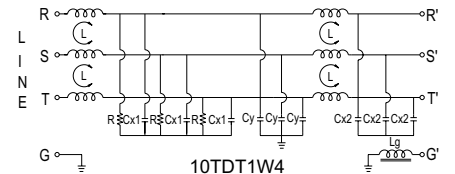
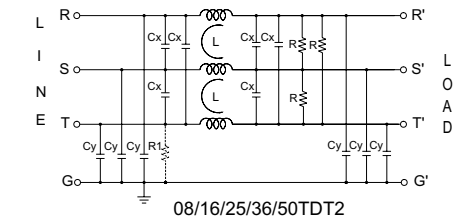
SERIES DIMENSIONS

PART NO.	DIMENSIONS IN INCHES/mm								
	A	B	C	D	E	F	G	H	
08TDT2	<u>7.165</u> 182.0	<u>3.425</u> 87.0	<u>2.40</u> 61.0	<u>4.606</u> 117.0	4.528 <u>115.0</u>	<u>3.937</u> 100.0	<u>8.898</u> 226.0	—	
16TDT2	<u>7.953</u> 202.0	<u>4.803</u> 122.0	<u>2.598</u> 66.0	<u>5.984</u> 152.0		<u>5.354</u> 136.0	<u>9.646</u> 245.0		—
25TDT2							<u>9.882</u> 251.0		
36TDT2									
50TDT2									
10TDT1W4	<u>8.740</u> 222.0	<u>5.197</u> 132.0	<u>1.654</u> 42.0	<u>7.795</u> 198.0	<u>3.397</u> 100.0	<u>9.843</u> 250.0	<u>7.795</u> 198.0	<u>0.787</u> 20.0	
10TDT1W4B	<u>10.906</u> 277.0	<u>7.956</u> 202.0	<u>2.047</u> 52.0	<u>9.961</u> 253.0	<u>6.693</u> 170.0	<u>7.874</u> 200.0	<u>9.961</u> 253.0	<u>0.984</u> 25.0	
20TDT1W4									
21TDT1W4									

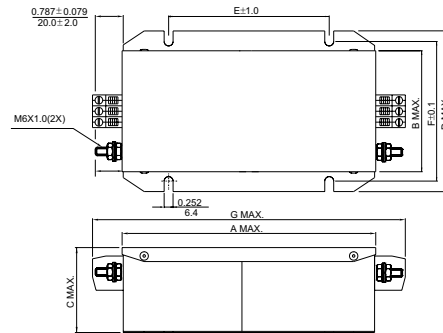
INTRODUCTIONS

1. Applications: Electric equipment, UPS, machine tool, copy machine, automation equipment, robot, AC motor drive
2. Voltage rating: 480VAC
3. Operating frequency: 50/60Hz

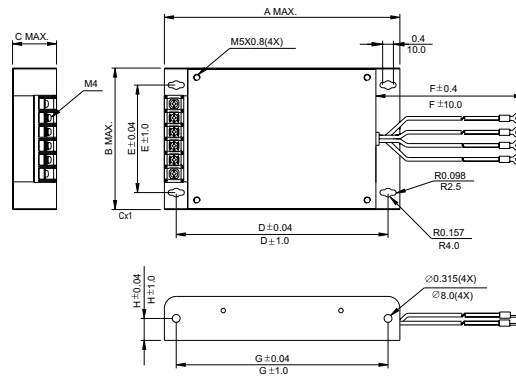
ELECTRICAL SCHEMATIC



MECHANICAL CONSTRUCTION



08/16/25/36/50TDT2



10TDT1W4/10TDT1W4S
20/21TDT1W4

UNIT: $\frac{\text{INCH}}{\text{mm}}$