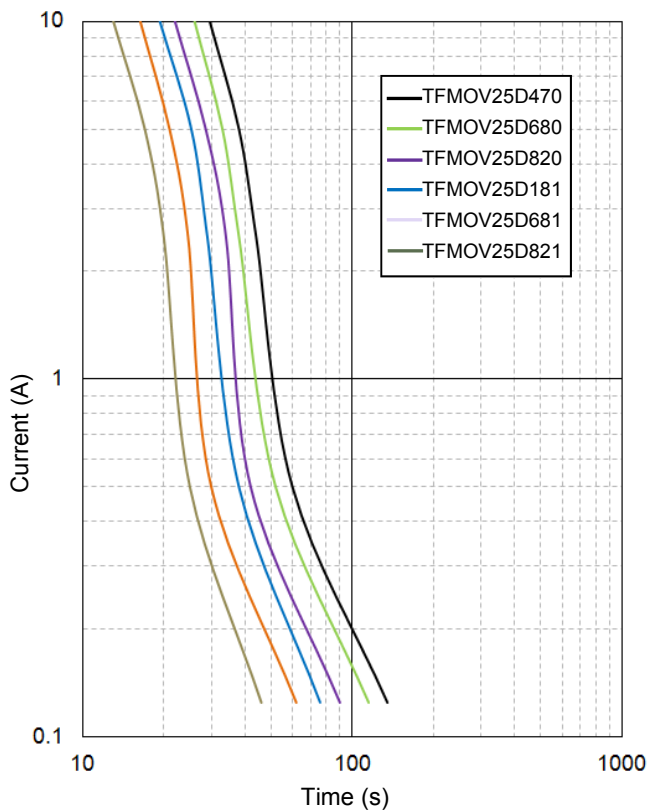


Dimensions (mm)

Model					Dimensions (mm)					
Type	TFMOV25D XXX	TFMOV25D XXXB	TFMOV25D XXXG	TFMOV25D XXXM	T	H	D	L	d1(Φ)	d2(Φ)
Varistor voltage	270~121	270~121	270~121	—	9.3±0.5	28.2±0.5	27.9±0.5	9±0.5	0.5±0.05	1.2±0.05
	151~271	—	—	—	9.8±0.5					
	—	151~271	151~271	270~121	10.3±0.5					
	301~471	301~471	301~471	151~271	11.3±0.5					
	511~681	511~621	511~621	301~471	12.3±0.5					
	751~821	681~751	681~751	511~621	13.3±0.5					
	911~122	821~122	821~122	681~122	15.8±0.5					

Note: Please contact us for detailed dimensions.

Limited Current Test Curve (UL 1449 3rd clause 39.4)

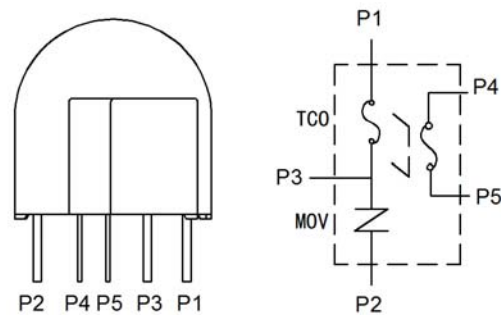


- The above curve is for reference only.

Applications

- Power surge protectors
- Industrial power supplies
- Photovoltaic systems (PV)

Schematics



Packaging Information

- Each Blister plate: 40pcs
- Each Carton: 400pcs



Specifications

Model	Maximum Allowable Voltage		Varistor Voltage		Clamping Voltage (Max)		Maximum Peak Current (8/20μs)		Clamping Voltage Ratio		Maximum Energy (Joule)	Typical Capacitance (Reference)	Thermal Fuse	Level Of Limited Current Test			
	AC. Rms	DC	V1.0mA (V)		VC	IP	In	I _{max}	Rcl	In	10/1000 μs	@1KHz		UL60691 E214712	B	G	M
	(V)	(V)	Min	Max	(V)	(A)	(KA)			(KA)	(J)	(pF)			20A	40A	80A
TFMOV25D270x	17	22	24	31	53	30	1.5	3	4.6	1.5	30	26500	UL60691 E214712	●	●	●	
TFMOV25D330x	20	26	30	36	65	30	1.5	3	4.6	1.5	35	18000		●	●	●	
TFMOV25D390x	25	31	35	43	77	30	1.5	3	4.6	1.5	40	13500		●	●	●	
TFMOV25D470x	30	38	42	52	93	30	3	6	4.3	3	50	11500		●	●	●	
TFMOV25D560x	35	45	50	62	110	30	3	6	3.8	3	60	10500		●	●	●	
TFMOV25D680x	40	56	61	75	135	30	3	6	3.8	3	70	9050		●	●	●	
TFMOV25D820x	50	65	74	90	135	150	5	10	3.2	10	80	7700		●	●	●	
TFMOV25D101x	60	85	90	110	165	150	5	10	3.2	10	100	6300		●	●	●	
TFMOV25D121x	75	100	108	132	200	150	5	10	3.2	10	120	5200		●	●	●	
TFMOV25D151x	95	125	139	162	250	150	5	10	3.2	10	160	4300		●	●	●	
TFMOV25D181x	115	150	167	195	300	150	5	10	2.3	10	175	3500		●	●	●	
TFMOV25D201x	130	170	186	216	340	150	10	20	2.3	10	190	3200		●	●	●	
TFMOV25D221x	140	180	204	238	360	150	10	20	2.3	10	200	2900		●	●	●	
TFMOV25D241x	150	200	223	260	395	150	10	20	2.3	10	220	2650		●	●	●	
TFMOV25D271x	175	225	251	292	455	150	10	20	2.3	10	255	2400		●	●	●	
TFMOV25D301x	190	250	279	324	500	150	10	20	2.3	10	275	2100		VT Series Ur:690Vac Ir:15/16A	●	●	●
TFMOV25D331x	210	275	306	357	550	150	10	20	2.3	10	300	1900			●	●	●
TFMOV25D361x	230	300	334	389	595	150	10	20	2.3	10	330	1750			●	●	●
TFMOV25D391x	250	320	362	422	650	150	10	20	2.3	10	360	1600			●	●	●
TFMOV25D431x	275	350	399	465	710	150	10	20	2.3	10	380	1500			●	●	●
TFMOV25D471x	300	385	437	508	775	150	10	20	2.3	10	400	1400	●		●	●	
TFMOV25D511x	320	415	474	551	845	150	10	20	2.3	10	420	1250	●		●	●	
TFMOV25D561x	350	460	520	605	925	150	10	20	2.3	10	440	1150	●		●	●	
TFMOV25D621x	385	505	576	670	1025	150	10	20	2.3	10	450	1050	●		●	●	
TFMOV25D681x	420	560	632	735	1120	150	10	20	2.3	10	460	950	●		●	●	
TFMOV25D751x	460	615	697	810	1240	150	10	20	2.3	10	510	850	●		●	●	
TFMOV25D821x	510	670	762	886	1355	150	10	20	2.3	10	520	830	●		●	●	
TFMOV25D911x	550	745	846	983	1500	150	10	20	2.3	10	620	730	●	●	●		
TFMOV25D102x	625	825	930	1080	1650	150	10	20	2.3	10	690	660	●	●	●		
TFMOV25D112x	680	895	1023	1188	1815	150	10	20	2.3	10	760	600	●	●	●		
TFMOV25D122x	750	1000	1116	1296	1980	150	10	20	2.3	10	820	530	●	●	●		

a: Clamping voltage= (Clamping voltage ratio) × (Varistor voltage); The voltage protection level (Up) is selected according to IEC61643-11:2011 clause 6.4, which should be the higher than the minimum measured limiting voltage.

The preferred value of voltage protection level: 0.08KV; 0.09KV; 0.10KV; 0.12KV; 0.15KV; 0.22KV; 0.33KV; 0.4KV; 0.5KV; 0.6KV; 0.7KV; 0.8KV; 0.9KV; 1.0KV; 1.2KV; 1.5KV; 1.8KV; 2.0KV; 2.5KV; 3.0KV; 4.0KV; 5.0KV; 6.0KV; 8.0KV和10KV

x: may be followed by "B" or "G" or "M"