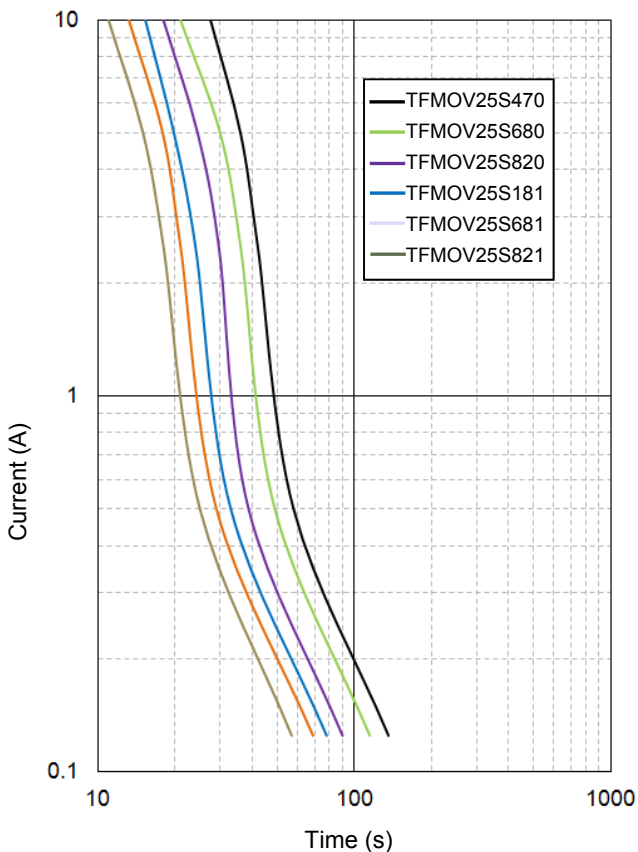


Dimensions (mm)

Model					Dimensions (mm)					
Type	TFMOV25S XXX	TFMOV25S XXXB	TFMOV25S XXXG	TFMOV25S XXXM	T	H	D	L	d1(Φ)	d2(Φ)
Varistor voltage	270~121	270~121	270~121	—	9.3±0.5	25.3±0.5	28.0±0.5	9.0±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	681~821	681~821	511~621	13.3±0.5					
	911~122	911~122	911~122	681~122	15.8±0.5					

Note: Please contact us for detailed dimensions.

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

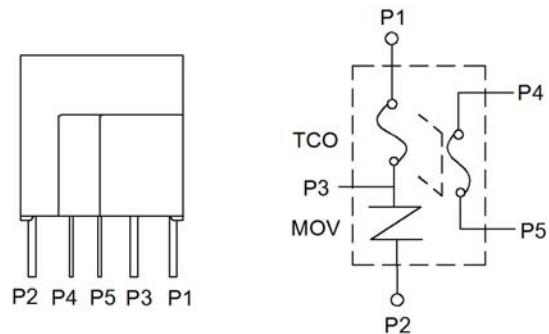


● The above curve is for reference only.

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
TFMOV25S270x	17	22	24	31	53	35	3	6	4.6	3	33	30000	UL60691 E214712	●	●	●	
TFMOV25S330x	20	26	30	36	65	35	3	6	4.6	3	42	24500		●	●	●	
TFMOV25S390x	25	31	35	43	77	35	4	8	4.6	4	49	21000		●	●	●	
TFMOV25S470x	30	38	42	52	93	35	4	8	4.3	4	60	17250		●	●	●	
TFMOV25S560x	35	45	50	62	110	35	5	10	3.8	5	72	14500		●	●	●	
TFMOV25S680x	40	56	61	75	135	35	5	10	3.8	5	85	9500		●	●	●	
TFMOV25S820x	50	65	74	90	135	175	8	16	3.2	8	98	8800		●	●	●	
TFMOV25S101x	60	85	90	110	165	175	8	16	3.2	8	122	7200		●	●	●	
TFMOV25S121x	75	100	108	132	200	175	8	16	3.2	8	146	6000		●	●	●	
TFMOV25S151x	95	125	139	162	250	175	8	16	3.2	8	185	4400		●	●	●	
TFMOV25S181x	115	150	167	195	300	175	8	16	2.3	8	218	3650		●	●	●	
TFMOV25S201x	130	170	186	216	340	175	10	25	2.3	10	252	3300		●	●	●	
TFMOV25S221x	140	180	204	238	360	175	10	25	2.3	10	280	3000		●	●	●	
TFMOV25S241x	150	200	223	260	395	175	10	25	2.3	10	302	2800		●	●	●	
TFMOV25S271x	175	225	251	292	455	175	10	25	2.3	10	340	2450		●	●	●	
TFMOV25S301x	190	250	279	324	500	175	10	25	2.3	10	375	2200		VT Series Ur:690Vac; Ir:15A/16A	●	●	●
TFMOV25S331x	210	275	306	357	550	175	10	25	2.3	10	410	2050			●	●	●
TFMOV25S361x	230	300	334	389	595	175	10	25	2.3	10	465	1850			●	●	●
TFMOV25S391x	250	320	362	422	650	175	10	25	2.3	10	520	1700			●	●	●
TFMOV25S431x	275	350	399	465	710	175	10	25	2.3	10	575	1600			●	●	●
TFMOV25S471x	300	385	437	508	775	175	10	25	2.3	10	630	1450	●		●	●	
TFMOV25S511x	320	415	474	551	845	175	10	25	2.3	10	665	1300	●		●	●	
TFMOV25S561x	350	460	520	605	925	175	10	25	2.3	10	720	1200	●		●	●	
TFMOV25S621x	385	505	576	670	1025	175	10	25	2.3	10	790	1100	●		●	●	
TFMOV25S681x	420	560	632	735	1120	175	10	25	2.3	10	790	1000	●		●	●	
TFMOV25S751x	460	615	697	810	1240	175	10	25	2.3	10	825	900	●		●	●	
TFMOV25S821x	510	670	762	886	1355	175	10	25	2.3	10	840	800	●		●	●	
TFMOV25S911x	550	745	846	983	1500	175	10	25	2.3	10	900	700	●	●	●		
TFMOV25S102x	625	825	930	1080	1650	175	10	25	2.3	10	950	660	●	●	●		
TFMOV25S112x	680	895	1023	1188	1815	175	10	25	2.3	10	1040	615	●	●	●		
TFMOV25S122x	750	1000	1116	1296	1980	175	10	25	2.3	10	1170	555	●	●	●		

a: Clamping voltage= (Clamping voltage ratio) × (Varistor voltage); The voltage protection level (Up) is selected according to IEC61643-11:2011 caluse6.4, 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”