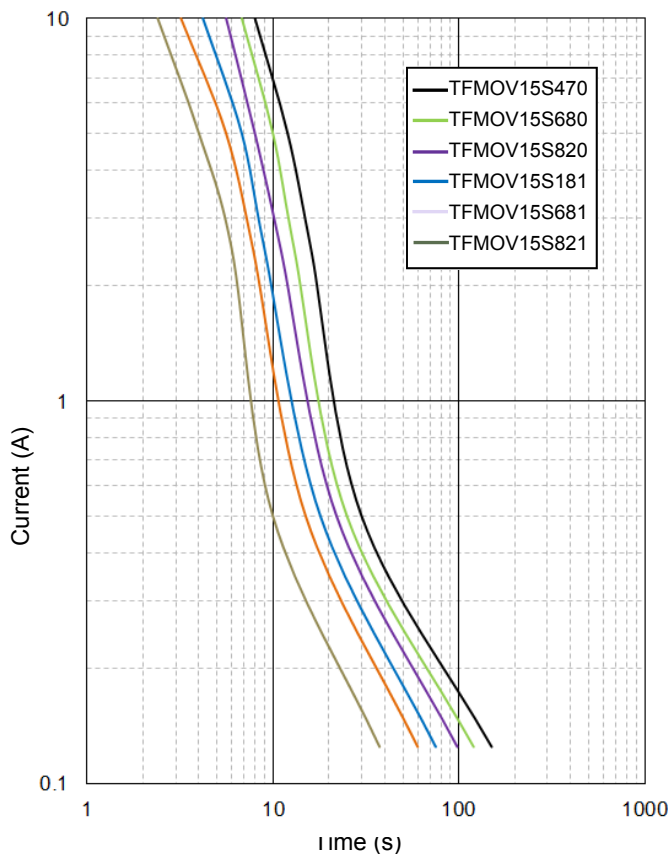


Dimensions (mm)

Model		Dimensions (mm)					
Type	TFMOV15SXXX	TFMOV15SXXXB	T	H	D	L	d(Φ)
Varistor voltage	270~121	270~121	8.0±0.5	18.5±0.5	17±0.5	7±0.5	0.9±0.05
	151~271	151~271	9.0±0.5				
	301~471	301~471	10.2±0.5				
	511~621	511~621	11.4±0.5				
	681~821	681~821	12.6±0.5				

Note: Please contact us for detailed dimensions.

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

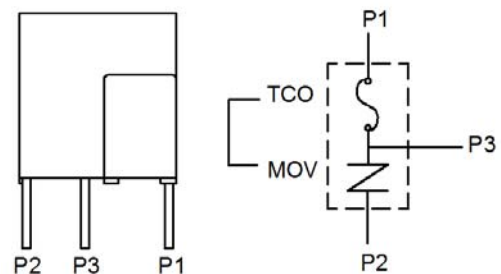


● The above curve is for reference only.

Applications

- Home electrical appliances
- Telecom power supplies
- Surge protectors

Schematics



Packaging Information

- Each Blister plate: 60pcs
- Each Carton: 600pcs



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		
	(V)	(V)	Min	Max	(V)	(A)	(A)			(KA)	(J)	(pF)		20A		
TFMOV15S270x	17	22	24	31	53	15	1.5	3	4.6	1.5	16	10500	VS Series Ur:690Vac; Ir:10A	●		
TFMOV15S330x	20	26	30	36	65	15	1.5	3	4.6	1.5	19	9300		●		
TFMOV15S390x	25	31	35	43	77	15	1.5	3	4.6	1.5	21	7000		●		
TFMOV15S470x	30	38	42	52	93	15	1.5	3	4.3	1.5	27	6000		●		
TFMOV15S560x	35	45	50	62	110	15	1.5	3	3.8	1.5	32	5300		●		
TFMOV15S680x	40	56	61	75	135	15	1.5	3	3.8	1.5	41	4700		●		
TFMOV15S820x	50	65	74	90	135	75	2.5	5	3.2	3	43	4000		●		
TFMOV15S101x	60	85	90	110	165	75	2.5	5	3.2	3	53	3200		●		
TFMOV15S121x	75	100	108	132	200	75	2.5	5	3.2	3	64	2700		●		
TFMOV15S151x	95	125	139	162	250	75	5	10	3.2	5	85	2200		●		
TFMOV15S181x	115	150	167	195	300	75	5	10	2.3	5	96	1800		●		
TFMOV15S201x	130	170	186	216	340	75	5	10	2.3	5	102	1600		●		
TFMOV15S221x	140	180	204	238	360	75	5	10	2.3	5	125	1450		●		
TFMOV15S241x	150	200	223	260	395	75	5	10	2.3	5	134	1350		●		
TFMOV15S271x	175	225	251	292	455	75	5	10	2.3	5	158	1200		●		
TFMOV15S301x	190	250	279	324	500	75	5	10	2.3	5	173	1050		●		
TFMOV15S331x	210	275	306	357	550	75	5	10	2.3	5	185	1000		●		
TFMOV15S361x	230	300	334	389	595	75	5	10	2.3	5	208	900		●		
TFMOV15S391x	250	320	362	422	650	75	5	10	2.3	5	224	800		●		
TFMOV15S431x	275	350	399	465	710	75	5	10	2.3	5	248	750		●		
TFMOV15S471x	300	385	437	508	775	75	5	10	2.3	5	280	680		●		
TFMOV15S511x	320	415	474	551	845	75	5	10	2.3	5	300	630		●		
TFMOV15S561x	350	460	520	605	925	75	5	10	2.3	5	310	580		●		
TFMOV15S621x	385	505	576	670	1025	75	5	10	2.3	5	310	530		●		
TFMOV15S681x	420	560	632	735	1120	75	5	10	2.3	5	320	500		●		
TFMOV15S751x	460	615	697	810	1240	75	5	10	2.3	5	335	430		●		
TFMOV15S821x	510	670	762	886	1355	75	5	10	2.3	5	350	400		●		

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"