

## Applications

- Meters
- Adapters
- Home electrical appliances

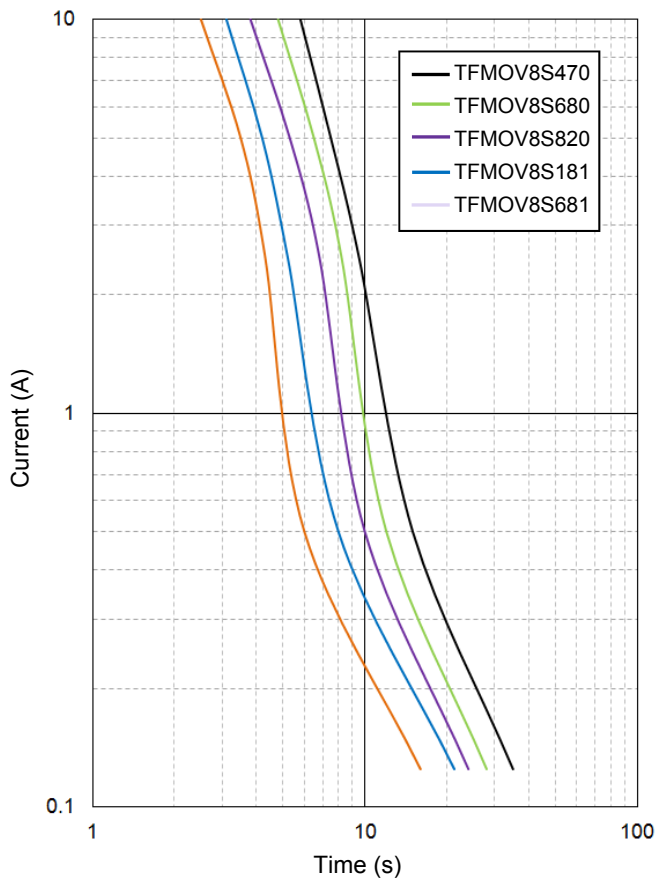
## Dimensions (mm)

H	D	T	L	d (Φ)
16±0.5	10.7±0.5	5.4±0.5 <sup>Ⓢ</sup> 6.9±0.5 <sup>Ⓣ</sup>	6±0.5	0.7±0.05

Model: 270~241    ⓈModel: 271~681

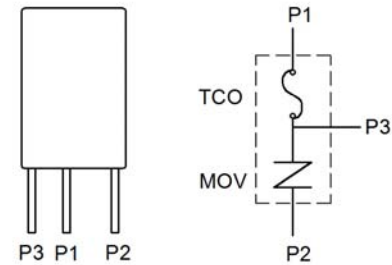
Note: Please contact us for detailed dimensions.

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



- The above curve is for reference only.

## Schematics



## Packaging Information

- Each Package: 80pcs
- Each Carton: 800pcs



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 <sub>max</sub>	Rcl	In	10/1000 μs	@1KHz				
	(V)	(V)	Min	Max	(V)	(A)	(KA)			(KA)	(J)	(pF)				
TFMOV8S270	17	22	24	31	53	5	0.5	1	3.2	0.5	6	3700	UL60691 E214712			
TFMOV8S330	20	26	30	36	65	5	0.5	1	3.2	0.5	7	3000				
TFMOV8S390	25	31	35	43	77	5	0.5	1	3.2	0.5	9	2400				
TFMOV8S470	30	38	42	52	93	5	0.5	1	3.2	0.5	11	2100				
TFMOV8S560	35	45	50	62	110	5	0.5	1	3.2	0.5	13	1800				
TFMOV8S680	40	56	61	75	135	5	0.5	1	2.7	0.5	15	1500				
TFMOV8S820	50	65	74	90	135	25	1	2	2.2	1	17	1200				
TFMOV8S101	60	85	90	110	165	25	1	2	2.1	1	18	1000				
TFMOV8S121	75	100	108	132	200	25	1	2	2.1	1	21	830				
TFMOV8S151	95	125	139	162	250	25	1.5	3	2.1	1.5	25	670				
TFMOV8S181	115	150	167	195	300	25	1.5	3	2.3	1.5	30	560				
TFMOV8S201	130	170	186	216	340	25	1.5	3	2.0	1.5	35	500				
TFMOV8S221	140	180	204	238	360	25	1.5	3	2.0	1.5	39	450	VY Series Ur:250Vac; Ir:5A			
TFMOV8S241	150	200	223	260	395	25	1.5	3	2.0	1.5	42	420				
TFMOV8S271	175	225	251	292	455	25	1.5	3	2.0	1.5	49	370				
TFMOV8S301	190	250	279	324	500	25	1.5	3	2.0	1.5	54	330				
TFMOV8S331	210	275	306	357	550	25	1.5	3	2.0	1.5	58	300				
TFMOV8S361	230	300	334	389	595	25	1.5	3	2.0	1.5	65	280				
TFMOV8S391	250	320	362	422	650	25	1.5	3	2.0	1.5	70	260				
TFMOV8S431	275	350	399	465	710	25	1.5	3	2.0	1.5	80	230				
TFMOV8S471	300	385	437	508	775	25	1.5	3	2.0	1.5	85	210				
TFMOV8S511	320	415	474	551	845	25	1.5	3	2.0	1.5	90	200				
TFMOV8S561	350	460	520	605	925	25	1.5	3	2.0	1.5	92	180				
TFMOV8S621	385	505	576	670	1025	25	1.5	3	2.0	1.5	95	160				
TFMOV8S681	420	560	632	735	1120	25	1.5	3	2.0	1.5	98	150				

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