

TPMOV

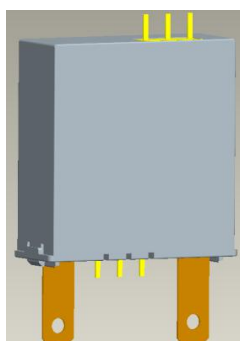
Features

- Wide operating voltage (V1mA) range from 82V to 910V
- 50Vac - 550vac
- 65Vdc - 745Vdc
- 100KA I.R.
- Surge: 50KA 8/20us Peak Current Ration
- Operating Temperature: -40℃ ~ +85℃

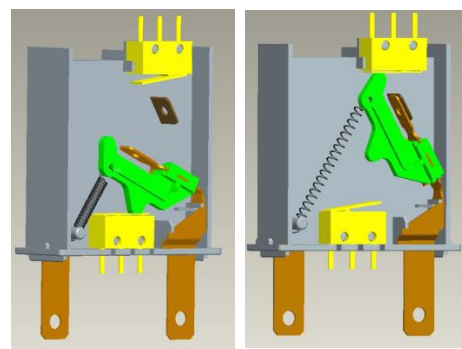
F34V picture



F34V external shape



F34V internal structure



Electrical Characteristics

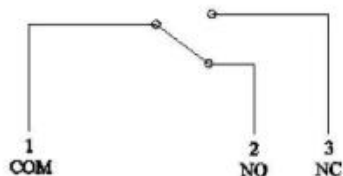
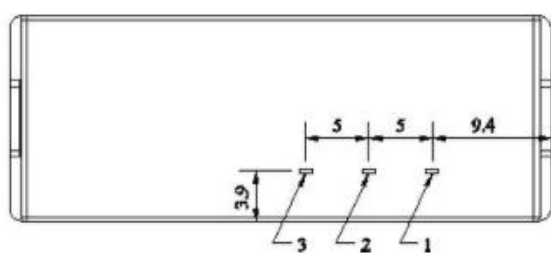
Part Number	Maximum Allowable Voltage		Varistor Voltage	Maximum Clamping Voltage	Maximum peak Current		Maximum Energy (10/1000μs) (J)
	V _{AC}	V _{DC}			I _{n 10times}	I _{max}	
F34V050K	50V	65V	82V(74~90)	135V	20KA	40KA	156J
F34V060K	60V	85V	100V(90~110)	165V	20KA	40KA	195J
F34V075K	75V	100V	120V(108~132)	200	20KA	40KA	235J
F34V150K	150V	200V	246V(222~270)	395	20KA	40KA	480J
F34V180K	180V	230V	283V(256~283)	470	20KA	40KA	540J
F34V250K	250V	320V	410V(371~449)	650	20KA	40KA	830J
F34V275K	275V	350V	453V(410~496)	710	20KA	40KA	920J
F34V320K	320V	415V	510V(459~561)	845	20KA	40KA	1060J
F34V385K	385V	505V	620V(558~682)	1025	20KA	40KA	1250J
F34V420K	420V	560V	680V(612~748)	1120	20KA	40KA	1250J
F34V460K	460V	615V	750V(675~825)	1240	20KA	40KA	1280J
F34V510K	510V	670V	820V(738~902)	1355	20KA	40KA	1395J
F34V550K	550V	745V	910V(819~10014)	1500	20KA	40KA	1475J

Electrical Characteristics

Part Number	Maximum Allowable Voltage		Varistor Voltage	Maximum Clamping Voltage	Maximum peak Current		Maximum Energy (10/1000μs)
	V _{AC}	V _{DC}			8/20μs		
TPMOV	V _{AC}	V _{DC}	V _{1mA} (V)	V _C AT 300A	I _n 10times	I max	(J)
F34V050K	50V	65V	82V(74~90)	135V	20KA	45KA	156J
F34V060K	60V	85V	100V(90~110)	165V	20KA	45KA	195J
F34V075K	75V	100V	120V(108~132)	200	20KA	45KA	235J
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Dimension(mm)

TOP



Bottom

