

TPMOV

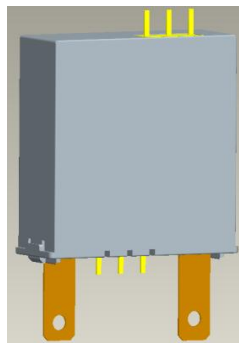
Features

- 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°C ~ +85°C

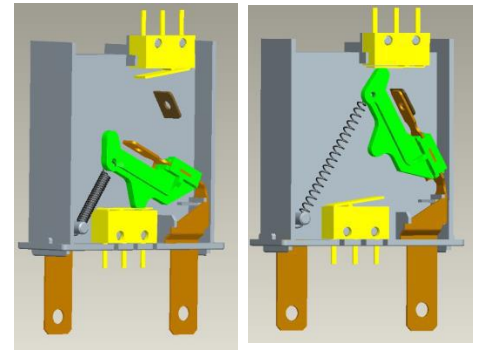
F34V picture



F34V external shape



F34V internal structure



Electrical Characteristics

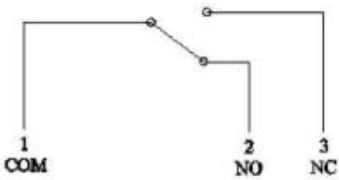
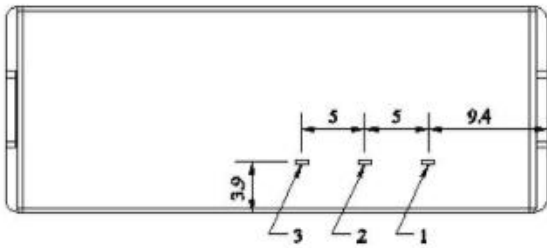
Part Number	Maximum Allowable Voltage		Varistor Voltage V _{1mA} (V)	Maximum Clamping Voltage V _C AT 300A	Maximum peak Current 8/20µs		Maximum Energy (10/1000µs) (J)
	V _{AC}	V _{DC}			I _n 10times	I max	
F34V050K	50V	65V	82V(74~90)	135V	20KA	40KA	156J
F34V060K	60V	85V	100V(90~110)	165V	20KA	40KA	195J
F34V075K	75V	100V	120V(108~132)	200V	20KA	40KA	235J
F34V150K	150V	200V	246V(222~270)	395V	20KA	40KA	480J
F34V180K	180V	230V	283V(256~283)	470V	20KA	40KA	540J
F34V250K	250V	320V	410V(371~449)	650V	20KA	40KA	830J
F34V275K	275V	350V	453V(410~496)	710V	20KA	40KA	920J
F34V320K	320V	415V	510V(459~561)	845V	20KA	40KA	1060J
F34V385K	385V	505V	620V(558~682)	1025V	20KA	40KA	1250J
F34V420K	420V	560V	680V(612~748)	1120V	20KA	40KA	1250J
F34V460K	460V	615V	750V(675~825)	1240V	20KA	40KA	1280J
F34V510K	510V	670V	820V(738~902)	1355V	20KA	40KA	1395J
F34V550K	550V	745V	910V(819~10014)	1500V	20KA	40KA	1475J

Electrical Characteristics

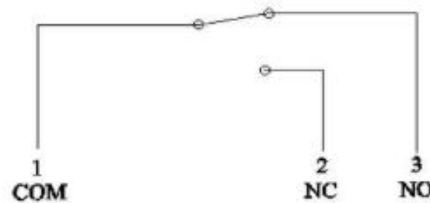
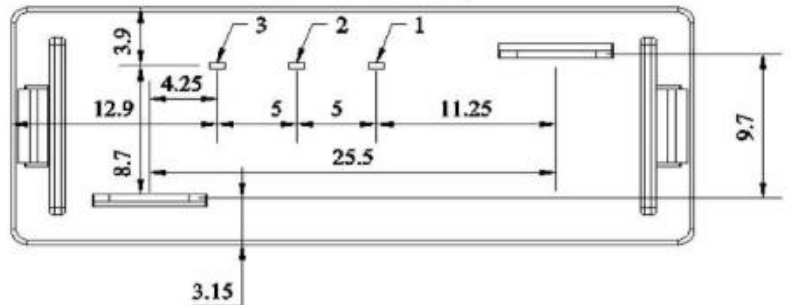
Part Number	Maximum Allowable Voltage		Varistor Voltage $V_{1mA}(V)$	Maximum Clamping Voltage V_C AT 300A	Maximum peak Current 8/20 μ s		Maximum Energy (10/1000 μ s) (J)
	V_{AC}	V_{DC}			I_n 10times	I max	
F34V050K	50V	65V	82V(74~90)	135V	20KA	45KA	156J
F34V060K	60V	85V	100V(90~110)	165V	20KA	45KA	195J
F34V075K	75V	100V	120V(108~132)	200V	20KA	45KA	235J
F34V150K	150V	200V	246V(222~270)	395V	20KA	50KA	480J
F34V180K	180V	230V	283V(256~283)	470V	20KA	50KA	540J
F34V250K	250V	320V	410V(371~449)	650V	20KA	50KA	830J
F34V275K	275V	350V	453V(410~496)	710V	20KA	50KA	920J
F34V320K	320V	415V	510V(459~561)	845V	20KA	50KA	1060J
F34V385K	385V	505V	620V(558~682)	1025V	20KA	50KA	1250J
F34V420K	420V	560V	680V(612~748)	1120V	20KA	50KA	1250J
F34V460K	460V	615V	750V(675~825)	1240V	20KA	50KA	1280J
F34V510K	510V	670V	820V(738~902)	1355V	20KA	50KA	1395J
F34V550K	550V	745V	910V(819~10014)	1500V	20KA	50KA	1475J

Dimension(mm)

TOP



Bottom



Dimension(mm)

