

## PV26 Field Checklist Vacuum Interrupter Maintenance Table

<b>VI Mfg.</b>	G.E.
<b>VI Part #</b>	PV52-C
<b>VI Assm#</b>	60152.G1
<b>kV/kA</b> <b>K &gt; 1</b>	5kV/29kA
<b>Continuous Current</b>	1200, 2000
<b>Push Rod</b>	690640-G1
<b>Contact Stroke</b>	.531" - .625"
<b>Push Rod over travel</b> <b>Nut gap</b>	.437" ± .062"
<b>Contact Resistance</b> <b>(maximum allowable)</b>	1200-65 2000-55
<b>Opening Speed</b>	50 - 80"/sec
<b>Opening Time</b>	40- 50ms - 5 cycle
<b>Closing Speed</b>	30 - 48"/sec.
<b>Closing Time</b>	≤ 80ms

<b>Contact Stroke</b>	Breaker "contact travel" in inches, determined by measuring the difference between the closed and open position of the lower contact block. Stroke will vary depending upon operational conditions.
<b>Nut gap (Contact Spring Loading Force)</b>	Dimensional measurement of the gap between the bell crank and the nut on the end of the VI actuator.
<b>Contact Resistance</b>	Maximum conductor path resistance, measured in micro ohms, from the upper to lower primary stabs.
<b>Closing time</b>	Time measurement in milliseconds, initiated at application of closing voltage and stopped at contact touch.
<b>Closing speed</b>	Determined by <b>0.25 S</b> (S = breaker stroke measured in inches) divided by <b>Tc</b> (Tc = Elapsed time in milliseconds for the breaker contacts to travel the last 25% of the breaker closing stroke)
<b>Opening time</b>	Time measurement in milliseconds, initiated at application of opening voltage, and stopped at contact part.
<b>Opening speed</b>	Determined by <b>0.75 S</b> (S = breaker stroke measured in inches) divided by <b>Tt</b> (Tt = Elapsed time in milliseconds for the breaker contacts to travel the first 75% of the breaker opening stroke)