

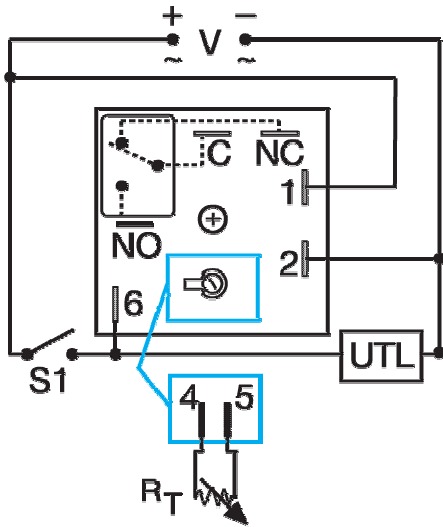


## SSAC Product Line Conversion Notification September 15, 2005

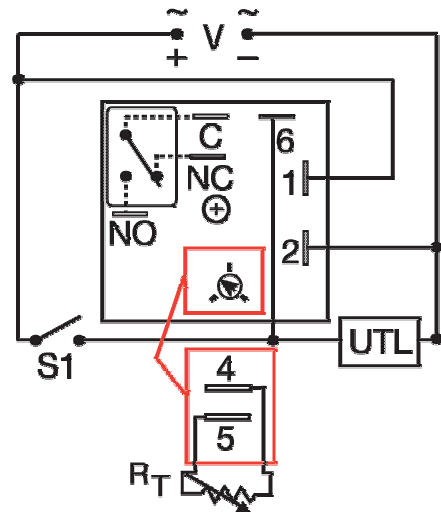
### KRPS Series Part Numbers

### Important Differences Between Product Designs

Specification	Pre 2005 Design	2005 Generation II Design
<b>Time Delay</b>		
Recycle Time	≤ 250 ms	≤ 150 ms
Repeat Accuracy	+/-1% or 16 ms (20 ms @ 50Hz), whichever is greater	+/- 0.5% or 20 ms whichever is greater
Initiate Time	AC ≅ 40 ms; DC ≅ 10 ms	≤ 40 ms; ≤ 750 Operations per Minute
<b>Input</b>		
Voltage (AC)	24 or 120 V AC; 12, 24 or 110 V DC	24 ... 240 VAC/DC; 12 ... 48 VDC
Tolerance	12 VDC, 24VAC/DC: -15% ... +20% 110 VDC & 120VAC: -20%...+10%	12 ... 48 VDC; - 15% ... + 20% 24 ... 240 VAC/DC; -20% ... +10%
Power Consumption	12, 24 VDC ≤ 1W; 24 VAC: ≤ 1 VA; 110 VDC : ≤ 2W; 120 VAC ≤ 2 VA	AC ≤ 2 VA; DC ≤ 2 W
<b>Output</b>		
Contact Ratings (@ 40°C)	10A resistive @ 125 VAC 5A resistive @ 30 VDC; ¼ HP @ 125 VAC Max. Switching voltage: 230 VAC (5A resistive)	10A resistive @ 125 VAC 5A resistive at 230 VAC & 28 VDC ¼ HP @ 125 VAC Max. Switching voltage: 250VAC
<b>Mechanical</b>		
Terminals		Terminal layout is different. Onboard adjust requires an adjustment tool.



Pre 2005 Design



2005 Generation II Design

**Legend:**

- V = Input voltage
- UTL = Optional untimed load
- S1 = Initiate switch (not required for some functions)
- C = Common, Transfer Contact
- NO = Normally Open
- NC = Normally Closed
- Dashed lines are internal connections