



Product Output Cycle Tests

Artisan Controls has conducted product output cycle tests at the request of our customers and for our own purposes. Below are the products tested to date showing the longevity of several of our repeat cycle timers.

Product	Test Conditions	Operational Cycles	Comments
4600A-6-1-A	120V AC Voltage 100mA Contactor test load, 0.1S ON 0.1S OFF	>500,000	Contactors failed ending test run.
2600SA-8	120V AC Voltage Event counter test load, 0.1S ON 0.1S OFF	>1,000,000 ⁽¹⁾	
4610A-6-1-A	120V AC Voltage 100mA Relay test load, 0.1S ON 0.1S OFF	>500,000 ⁽²⁾	
4610A-6-1-A	120V AC Voltage 5A Resistive test load, 0.5S ON 0.5S OFF	>91,140,000 ⁽³⁾	Test terminated after > 4 yrs

(1) - Test conducted per customer request, terminated after exceeding requirements

(2) - CE mark endurance testing, terminated after exceeding requirements

(3) - Resistive load used as electromechanical loads are not rated for high operational cycles

NOTE : All tests conducted at room temperature (70°F - 75°F)

Report Date: January 6, 2010

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