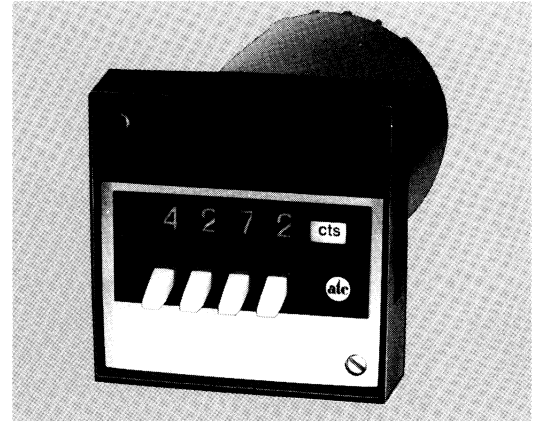


SERIES  
**atc** 336 SHAWNEE  
IC DIGITAL GP  
PREDETERMINING COUNTER

THE SHAWNEE 336 COUNTS AC INPUT PULSES AT SPEEDS UP TO 4,000/MINUTE . . . WITH 100% REPEAT ACCURACY ANYWHERE IN ITS ACTIVE RANGE OF 1 TO 9999 COUNTS . . . REGARDLESS OF CHANGES IN TEMPERATURE, VOLTAGE AND RESET TIME. BUILT AROUND A PROPRIETARY LSI/MOS CIRCUIT WHICH IS IMMUNE TO CONTACT BOUNCE AND ELECTRICAL NOISE, THE 336 IS A RUGGED AND RELIABLE COUNTER WHOSE LIFE EXPECTANCY IS PRACTICALLY UNLIMITED, EVEN IN DIFFICULT INDUSTRIAL ENVIRONMENTS.



## PRODUCT HIGHLIGHTS

### NOISE IMMUNITY

The 336 does not have to be shielded: its transformer power supply, full-wave bridges, buffered logic and other design characteristics render it immune to the electrical noise that is sometimes encountered in industrial environments thus eliminating false *starts* and *reset* due to voltage spikes.

### FAST, ACCURATE AND BOUNCE-PROOF

The repeat accuracy of the 336 is 100%. It maintains full accuracy even at pulse rates up to 4000/minute; even with pulses that are as brief as 1 millisecond; and even in the face of severe contact bounce . . . which it ignores by virtue of an extremely effective anti-bounce circuit.

### PLUG-IN AND DUST-TIGHT

All 336 counters feature true plug-in design and can be replaced in seconds without disturbing the housing or disconnecting the wiring. The dial assembly is gasketed so that the counter body is dust-tight from the front of panel; an optional transparent rubber boot makes the face of the counter fully dust and water-tight.

### EASY TO SET AT ALL TIMES

The Shawnee counter is easily and accurately set even with work gloves on. Push any of its four toggle levers in any sequence until the number you want appears above it. You can decrease as well as increase each number by pushing the levers *up* or *down*. You can change the setting at any time, even during a cycle.

### SOLID-STATE RELIABILITY

Because it has no moving parts in its logic circuitry, the solid-state 336 has a practically unlimited life expectancy. Even its plug-in load relays are rated for 100,000,000 mechanical operations, and are easily replaced if they ever wear out. The 336 counts on *break* and is not damaged in any way by long *on* pulses, not even by a pulse that is *on* continuously.

### CYCLE PROGRESS INDICATION

While the non-indicating model 336B does not provide true cycle progress indication, it can be wired so that the legend light is *on* during the cycle and the pilot light flashes with each pulse.

### LOW INVENTORY COST

Each Shawnee 336 covers the active count range of 1 to 9999, easily satisfying the vast majority of industrial requirements . . . and thus greatly reducing inventory expense especially for large users.

### APPROVALS

U.L. Recognized