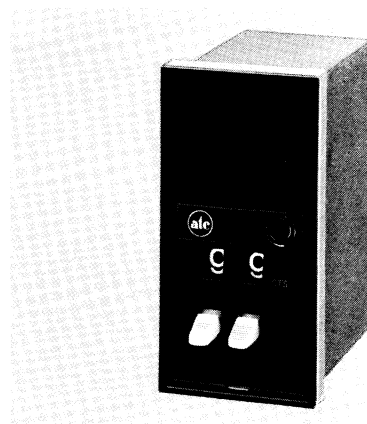


AN ECONOMICAL, RUGGED AND VERSATILE DIGITAL COUNTER, THE ATC 331 COUNTS AC INPUT PULSES AT SPEEDS UP TO 1000/MINUTE; PROVIDES A CHOICE OF CONTROL MODES — ON DELAY, INTERVAL OR REPEAT CYCLE; AND FEATURES A UNIQUE CYCLE PROGRESS ANNUNCIATOR. RUGGED ENOUGH FOR THE MOST DEMANDING INDUSTRIAL SERVICE, THE 331 HAS A LONG-LIFE RELAY WITH HEAVY-DUTY CONTACTS, GOOD NOISE AND CONTACT BOUNCE IMMUNITY AND VERSATILE QUICK-CONNECT DESIGN FOR SURFACE OR PANEL MOUNTING.

SERIES  
**atc** **331** MINICOUNT  
PROGRAMMABLE SOLID-STATE  
PREDETERMINING COUNTER



## PRODUCT HIGHLIGHTS

### VERSATILE MOUNTING

The 331 can be mounted in any position on any surface which is relatively free of vibration and moisture. Its 11-pin base accepts push-on connectors, or plugs into an optional socket. Two sockets are available: one for surface mounting and the other, a plug-on socket for use when the counter is panel-mounted. In both cases, all connections are made to the socket so that the 331 is readily removed without disturbing the wiring.

There is also an optional kit for flush panel-mounting which can be used to mount any number of 331s side-by-side in a single panel cutout (see DIMENSIONS).

### APPROVALS

CSA, U.L. Recognized

### DESIGNED FOR INDUSTRIAL SERVICE

A solid-state counter, the 331 has a long life expectancy even in difficult industrial environments. Its load relay is rated for 50,000,000 mechanical operations and has heavy-duty contacts capable of switching loads of 7A resistive at 125/250V AC (1/6 HP). And the compact, DIN-size molded plastic case is dust, moisture and impact-resistant. The 331's CMOS design protects critical circuit components against noise and voltage transients, preventing false **starts** and **counts** in most industrial applications.

### VERSATILE CONTROL CAPABILITY

Choice of three models: on delay, interval, and repeat pulse.

### CYCLE PROGRESS INDICATION

In all three control modes, the 331's LED annunciator effectively signals each of the three stages of the count cycle. The LED is always **on** (steady and bright) when the relay is energized, and **off** or dim when the relay is deenergized. During **on delay** and **repeat cycle** operation, the LED also blinks dimly each time a count pulse is received.

### EASY TO SET

The 331 is easily and accurately set even with work gloves on. Push either of its two set point toggle levers — up or down, in any sequence, and even during a cycle — until the number you want appears above it.