

56 EVENT DAILY BELL CONTROLLER MODEL EPC-13199

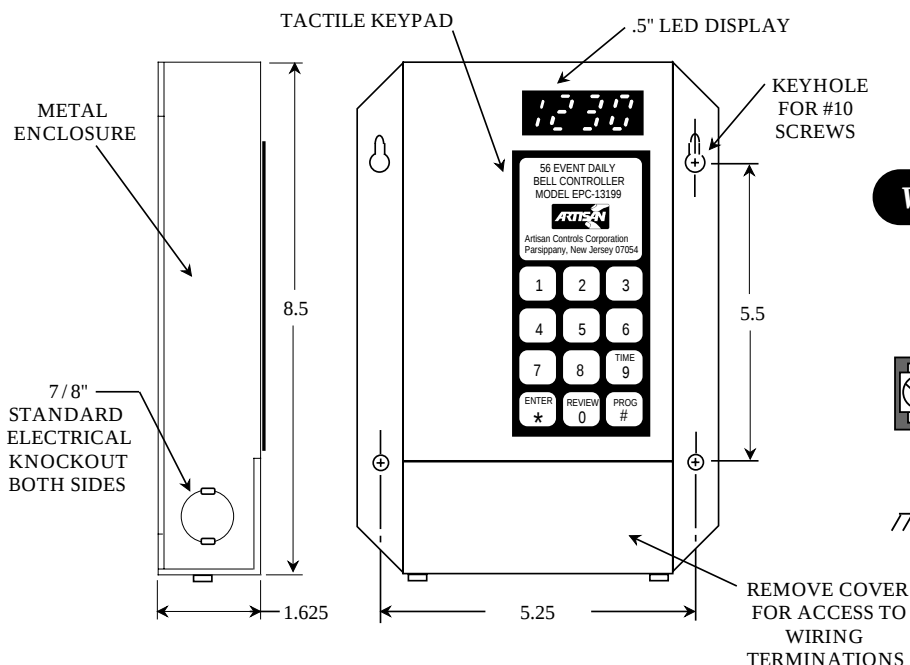
Description

The EPC-13199 is a modified version of the standard Artisan Controls Corporation model 4950B Seven Day Programmable Bell Controller. The EPC-13199 can be programmed to schedule up to 56 events over a 24 hour period (daily). At the time of the event an output relay can be programmed to close for any timing interval from 1 to 99 seconds. The events scheduled for the 24 hour period will occur each and every day of the week. The EPC-13199 is intended primarily to schedule the ringing of factory bells over a 24 hour period. The primary advantage of the EPC-13199 is to provide a programmable bell scheduler that does not have to have the time of the day reset or reprogrammed in the event of a power failure, without the use of batteries.

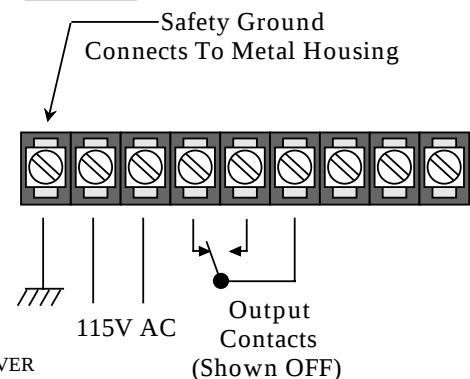
Specifications

Operating Voltage:	115V AC (105V - 135V) 60 Hz.
Operating Power:	6 watts at 115V AC.
Output:	SPDT - See Contact Ratings Chart.
Display:	4 digit 7 segment LED 0.5 inch high characters.
Clock Type:	24 hour (00:00 - 23:59)
Battery Backup:	does not require batteries or power to sustain timing during a power failure. Power required only to operate relays and display.
Clock Accuracy:	± 2 minutes per month at 25°C.
Programmable Events:	Fifty Six (56)
Programmable Output Timing Period:	1 - 99 Seconds initiated by programmable event time.
Transient Protection:	Input protected by MOVs and RC snubbers to sustain transient levels up to 1000 volts for up to 8.3 milliseconds.
Dielectric Strength :	1500 VRMS between all terminals to PC board and between all relay contacts and input voltage.
Keypad:	0 - 9, #, * membrane tactile type.
Keypad Commands:	Enter time of day - Enter event timing data - Scroll daily programmed events - Clear all memory.
Construction:	Metal enclosure with external keypad with two knockout holes to facilitate wiring. Wiring terminations are found beneath front panel cover plate.

Mechanical



Wiring



56 EVENT DAILY BELL CONTROLLER MODEL EPC-13199**Contact Ratings Chart**

VOLTAGE	LOAD TYPE	NORMALLY OPEN	NORMALLY CLOSED
AC	INDUCTIVE	2 - 30 A @ 12 - 240V AC	2 - 15 A @ 12 - 240V AC
	RESISTIVE	2 - 30 A @ 12 - 240V AC	2 - 15 A @ 12 - 240V AC
	MOTOR	1 HP @ 120V AC	1/4 HP @ 120V AC
		2 HP @ 240V AC	1/2 HP @ 240V AC
	TUNGSTEN	TV - 5 @ 240V AC	TV - 3 @ 240V AC
	BALLAST	6 A @ 277V AC	3 A @ 277V AC
DC	RESISTIVE	1 - 20 A @ 5 - 28V DC	1 - 10 A @ 5 - 28V DC

Programming The Model EPC-13199

There are four (4) program formats that control the operation of the Model EPC-13199:

Setting The Time Of Day: To set the time of day enter: (#) - (9) - (T) - (T) - (T) - (T) - (*) The four T's are the time of the day in 24 hour time, i.e. 6:00PM is equal to 1800. The day begins at 0000 and ends at 2359. The time of day will not be set unless four valid numbers are entered for the series of "T's." Anytime prior to 1000 must have the leading "0" entered, i.e. 0930.

Clearing The Entire 56 Event Program Memory: To clear the entire 56 event program memory enter: (#) - (0) - (*) The display will respond with four dashes "----" indicating that the entire 56 event program memory has been cleared. To clear a single schedule, simply reprogram that schedule to have a interval timing period of 00 seconds.

Programming The Daily Schedule: Enter: (#) - (Event) - (TTTT) - (NN) - (*) The Event is numbered 01, 02, 03...56. The time of day TTTT is four digits as shown above. The NN is the interval timing period of the output relay from 01 to 99 seconds. When an event has been programmed, that event will automatically take place every day.

Viewing A Daily Programmed Schedule: Once a daily schedule has been programmed, it can be verified by scrolling the program pattern of events. To view a daily schedule enter: (#) - (0) - (1) - (*) The display will proceed to scroll all actively set events as follows: The first display is the event number (01). The next display is the time of day (1350) that event has been programmed for, followed by the programmed interval of the output relay (10). Indicating that event 1 will, at 1:50PM, energize the output relay for 10 seconds every day of the week.

Ordering Information

Specify: EPC-13199

