



FLOW  
LEVEL  
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ANALYTICAL  
TEMPERATURE  
INSTRUMENTATION  
PASTEURIZATION CONTROLS



Indianapolis • Chicago • San Juan  
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800-800-8464

## “BC52” Preset Batching Controller

- *Large, easy to read LED display*
- *Count input scaling*
- *Optional NEMA 4X enclosure*

Anderson’s BC52 Batch Controller has become the food processor’s choice for single station batch control. A large and easy to read display coupled with a full ten numeric key operator interface simplifies batch size changes and general operation. The common sense batch programming and large keys reduce the likelihood of batch errors thereby increasing batch control efficiency.

Features include count scaling, programmable decimal points, program lock-out, independent reset/start, stop, and resume keys

along with an optional air solenoid valve for pneumatic valve operation.

Available in a panel insertion form or in an optional stainless steel NEMA 4X enclosure and standard with two (2) relay outputs this unit satisfies the needs of most meter based batch applications.

Complete specifications and ordering information are available on the reverse. For more information please visit our Web Site at [www.andinst.com](http://www.andinst.com), or contact your local Authorized Anderson Distributor.



# BC-52P Specifications

Power Requirements: AC Power: 120/240 VAC (+10%, -20%), 47 to 63 Hz  
DC Power: 11-16 VDC

Power Consumption: 18 watts maximum

Display Size: 6 digits, 0.56" (14.2mm) H (with programmable decimal point location)

Memory Types: PROM, RAM, Non-volatile NVRAM

Power Output: 15 VDC (+1, -2), 100 milliamps

Count Range: 6 digits (0 to 999,999) with rollover

Preset Range: 6 digits (0 to 999,999)

Count Mode: Count with Add and Subtract inputs  
Count with Up/Down direction input (Hardware doubling for above modes is provided)

Count Input Ratings: The count inputs are designed to work with current sinking sensors (open-collector NPN transistor output with or without passive pull-up resistor or contact closures to DC Common)

Environment: Front panel will provide water tight seal with gasket provided

Communications Interface (optional): Dual port 20 milliamp current loop active transmit, passive receive

Communications Speed: 110, 300 and 1200 Baud, user selectable

Data Type: Standard ASCII code

Communications Format: Start bit, 7 ASCII data bits, Parity bit, one or two Stop bits, (Even Parity for Serial Data Output, no Parity for Serial Data Input)

Count Scale Factor: Range: 6 digits (0.00001 to 9.99999)

Output Ratings Relay Contacts: Type: Two relays each with single set of Form C contacts

Load Voltage: 120/240 VAC

Load Current: 5 amps resistive 1.5 amps at 80% power factor

Output Ratings Transistor Outputs (5): Type: Open collector NPN transistor with Zener diode transient surge protection

Load Voltage: 30 VDC maximum

Load Current: 300 milliamps maximum

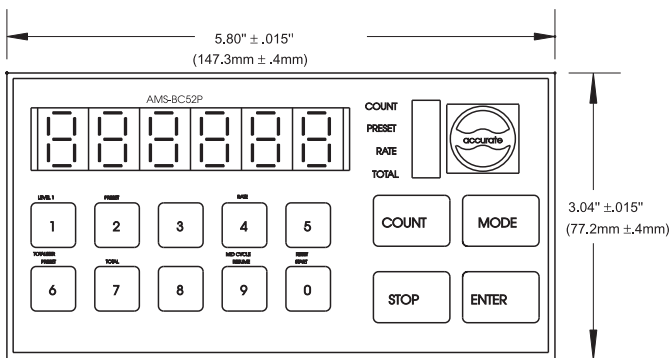
Output Ratings Timing: On Delay and Off Delay

Duration: 0.01 to 99.99 seconds

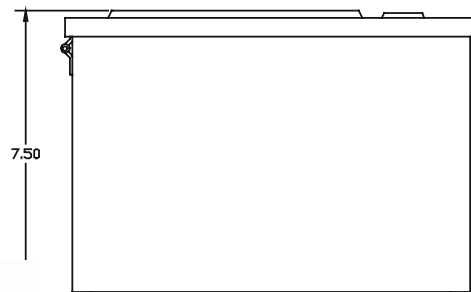
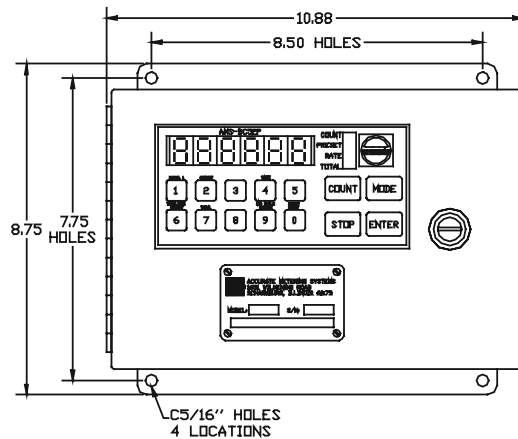
Accuracy: ±0.01 second for timeout values below 1 second ±1% for time values above 1 second

Approvals: C-UL US Listed

## DIMENSIONS



Recommended cut out dimensions 5.433"H x 2.677"W Depth 5.91"



## HOW TO ORDER

BC52

**MODEL**

P Panel Mount

E Wall Mount with Stainless Enclosure

S Wall Mount with Pneumatic Solenoid

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