

S662 Preset Batch/Dual Counter





- Easily programmed from the front panel
- Remote Reset capability
- Input variety: Quadrature, Switch, TTL, CMOS, NAMUR, PNP, NPN
- Software functions include:

Password Display Scaling
Set Point Programming Decimal Point Selection

The S662 is a multi-function counter that can be easily configured to operate either in a dual mode or in a totalizing/batch mode, each with separate scaling and reset functions. When functioning in the dual mode, full direction control is maintained for the totalizing and batch counts. In the totalizing batch mode, the secondary value (batch count) is incremented after the primary totalizing count has completed its cycle.

The counter is powered from 120 or 240VAC and has a non-volatile EEPROM to retain all programming and count information when the power source is removed or interrupted. An option 12DCV excitation output module can provide power for external sensors.

This versatile counter has latching, boundary or timed (0.01 to 599.99 seconds) output modes.

Mounting Requirements

The S660 series 1/8 DIN counters require a panel cutout of 1.77" (45mm) high by 3.62" (92mm) wide. To install the counter into a panel cutout, remove the clips from the side of the meter. Slide the meter through your panel cutout, then slide the mounting clips back on the meter. Press evenly to ensure a proper fit.

Specifications

DISPLAY

Type 6-digit, 7-segment, red LED

Height 0.56" (14.2mm)

Decimal Point User-programmable

Count Direction "+" indication implied, "-" indication displayed

Display Range -99,999 to +999,999

Output Indicators 1 and 2

POWER REQUIREMENTS

AC Voltages 120, 240VAC, ±10%

Power Consumption 3VA

INPUT RATINGS

 Current Sinking
 10KΩ, 5% Resistor pull-up to (9.0 - 16DCV) ± 10 %

 Current Sourcing
 5.1KΩ, 5% Resistor pull-down to common

Minimum Pulse Width ~5µs

Low Pass Filter <200Hz

 Low Bias
 VLT = $1.6V \pm 10\%$ VUT = $3.6V \pm 10\%$

 High Bias
 VLT = $5.0V \pm 10\%$ VUT = $7.0V \pm 10\%$

Count Rate 20KHz (Pulse Max) 5KHz (Quadrature X4 Max)

Maximum Voltage Input

A, B, and User 30DCV (Max)

A, B, and User 30DCV (Max

INPUT

User Input (Second channel reset) Count on the second channel is reset when the User Input is pulled low.

Standard Input Stand

Quadrature Input $VLT \le 0.9DCV VUT = 3.15DCV (max)$

ENVIRONMENTAL

Operating Temp. $0^{\circ}\text{C to } +40^{\circ}\text{C}$ Storage Temp. $0^{\circ}\text{C to } +60^{\circ}\text{C}$

Relative Humidity 0-80% non-condensing for temperatures less

than 32°C, decreasing linearly to 50% at 40°C

Ambient Temperature 25°C

Temp. Coefficient (per °C) ±100ppm/ °C Warmup Time ±100ppm/ °C 15 minutes

MECHANICAL

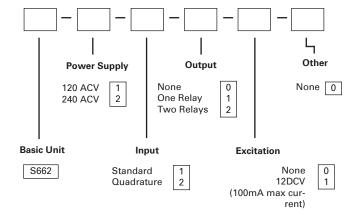
Bezel 3.93" x 2.04" x .52" (99.8mm x 51.8mm x 13.2mm)

Depth 3.24" (82.3mm)

Panel Cutout 3.62" x 1.77" (92mm x 45mm)

Case MaterialPBT-ABSWeight9oz (255.1g)

Ordering Information



Panel Cutout Dimensions on page A23