



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.

Panel Cutout Dimensions on page A23

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 ±10% VUT = 3.6V ±10%
High Bias	VLT = 5.0V ±10% VUT = 7.0V ±10%
Count Rate	20KHz (Pulse Max) 5KHz (Quadrature X4 Max)
Maximum Voltage Input 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	VLT ≤ 0.2DCV guaranteed low, VUT = 3.0DCV (max)
Quadrature Input	VLT ≤ 0.9DCV VUT = 3.15DCV (max)
ENVIRONMENTAL	
Operating Temp.	0°C to +40°C
Storage Temp.	-10°C to +60°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	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 Material	PBT-ABS
Weight	9oz (255.1g)

Ordering Information

