

C346 Series Multifunction Counter

Never has so much performance been packed into such a small package. The Veeder-Root Brand C346 is a full featured preset counter that can be field configured to perform as a rate meter or an elapsed time counter, both with outputs. Chose an LCD display or the industry's only 6 digit, 1/16 DIN preset counter, with an LED display.

Functionality and simplicity go hand in hand – all models can be configured through the front panel to accept inputs from dry contacts, encoders, or photoelectric or proximity switches with either PNP or NPN outputs. Its input can be easily scaled using a multiplier constant, allowing display in Feet, Meters, Gallons, etc.

Important parameters such as the presets and the prescale value can be called up with direct access keys. Preset values can be quickly entered or changed using a simple button per digit method. Single or dual preset models are available. Each preset features a transistor output, which can interface to an external SSR or a PLC, and a relay output for directly driving a load. Outputs can be programmed for latching or timed operation. An auxiliary power supply simplifies wiring of inputs, and the draw-out case enhances serviceability.



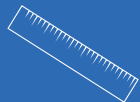
- Choice of LED or LCD display
- Scale Function enables display of Engineering Units (Length, Volume)
- Button per digit setting and direct access keys simplify setup and operation
- Add/Subtract, Add/Add, and quadrature input modes
- Accepts input signals from a variety of sources
- Can be field configured to perform rate metering or timing functions
- Relay and transistor outputs programmable for latching or time operation
- Several reset options
- 12 - 24 VDC auxiliary supply for powering input devices
- NEMA 4/IP65 rated front panel for use in washdown environments



TIME



COUNT



MEASURE

8:43

DISPLAY



1.800.390.6405



www.veeder-rootcounters.com



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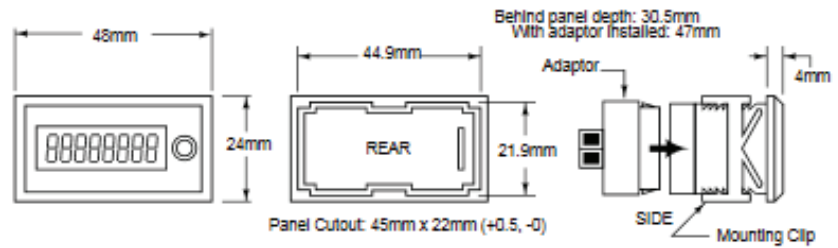
2100 West Broad Street
Elizabethtown, NC 28337

C346 Series Multifunction Counter

SPECIFICATIONS

COUNT MODES	Add/Subtract, Add/Add, Count/Direction, or Quadrature, field selectable
COUNT SPEED	30 Hz or 5kHz, field selectable
PRESETS	6 digit; Single (C346-0_1), Dual (C346-0_2)
RESET	Front panel (selectable enable), remote input or automatic
CALIBRATOR	0.001 to 9.999 multiplier common to inputs A and B
DECIMAL POINT	Selectable from XXXXXX to XXX.XXX
COUNT INPUTS	Contact Closure, Sourcing, Sinking; low < 2.0 VDC, high > 8.0 VDC; 40 VDC max.
CONTROL INPUTS	Remote Reset and Program Enable; low < 2.0 VDC, high > 8.0 VDC; 40 VDC max.
OUTPUTS	1 relay and 1 transistor per preset Relay(s): SPDT 1A resistive @ 250 VAC Transistor: PNP open collector, 24 VDC max, 10 mA max
DIMENSIONS	48mm x 48mm, 93.5mm deep
MOUNTING	Panel mount (mounting bracket supplied), 45mm x 45mm cutout
TERMINALS	Screw Type
DISPLAY	Single line seven segment LED, 7.6mm high or Single line LCD, 9mm high
SUPPLY VOLTAGE	115 VAC, 230 VAC 50/60Hz; 12 - 24 VDC
ACCESSORY POWER	12 to 24 VDC, 0 - 50mA
OPERATING TEMPERATURE	0° to 50° Celsius, 32° to 122° Fahrenheit
STORAGE TEMPERATURE	-20° to 60° Celsius, -4° to 140° Fahrenheit
FRONT PANEL RATING	NEMA 4/IP65
APPROVALS	CE

DIMENSIONS



ORDERING INFORMATION

Standard Models

C346-0411	LCD, Single Preset, 115 VAC
C346-0412	LCD, Single Preset, 12-24 VDC
C346-0413	LCD, Single Preset, 230 VAC
C346-0421	LCD, Dual Preset, 115 VAC
C346-0422	LCD, Dual Preset, 12-24 VDC
C346-0423	LCD, Dual Preset, 230 VAC
C346-0511	LED, Single Preset, 115 VAC
C346-0512	LED, Single Preset, 12-24 VDC
C346-0513	LED, Single Preset, 230 VAC
C346-0521	LED, Dual Preset, 115 VAC
C346-0522	LED, Dual Preset, 12-24 VDC
C346-0523	LED, Dual Preset, 230 VAC