

CT100 Vehicle Counter



The CT100 is a vehicle counter with 4 X Up Count inputs and 4 X Down Count inputs. The counter has been designed to count the vehicles in a parking facility.

The counter is initially preset to the number of empty parking bays. As the vehicle enters the facility the counter counts down showing the number of available bays. When there is no more space the output relay is energised. This relay can be used to switch on a full sign to indicate that the facility has no more space.

The counter incorporates battery backed memory and will maintain its count value during a power fail condition. The maximum count value is 9999.

Standard Features:

- * Eight separate inputs allow the counter to be used as an up counter, down counter, or both simultaneously.
- * Battery Backed- Up Counter In the event of a power failure, the counter and alarm preset values will be maintained.
- * A relay is used to give an alarm output when the counter has counted down to zero free parking bays.
- * The built in power supply enables potential free contacts to be used without the need for an additional power supply.

Specifications:

Inputs:	The inputs may be activated by a potential free contact or open collector NPN transistor output.
Input Protection:	Optical isolation (AC Versions only)
Input Filter:	Approximately 100ms.
Outputs:	The outputs are a relay contact rated at 5A/220VAC (Resistive Load)
Display:	4 Digit, 7 segment LED display.
Memory:	Battery backed memory (10 years data retention).
Physical Size:	106mm (HIGH) X 70mm (WIDE) X 59.5mm (DEEP)
Connectors:	2 X 12 way removable connectors with screw terminals.

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