



**VHLD**  
Very Handy Little Delay

# VHLD

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### GENERAL

Thank you for purchasing the VHLD relay from CDV. This device is designed to be installed in-line with fail safe (power locked) 12V locking devices. It can be connected with a normally closed push switch and a matching power supply. It provides a power on delay at the output which is variable between approximately 3 and 10 seconds. This device is useful to provide a timed unlock door from a simple push switch to give the user time to press and exit through the unlocked door before the lock is relocked automatically.

### OPERATION

The VHLD will output (pass-through) the input voltage after the set delay has expired. The input voltage range is 10 to 15 Volts DC. The input power is supplied to the IN terminals usually through a series connected push-to-break single pole switch such as the CDV Group, RTE001, RTE002 or RTE/SS/SFD series of push-to-exit buttons. The input power is delayed for the period set before appearing at the output. On depressing the switch the output power will disappear immediately for the period set on the on-board adjustment. The maximum delay is achieved by rotating the small variable resistor fully anti-clockwise with an appropriate small screwdriver.

### TECHNICAL SPECIFICATION

Description	Value	Unit	Notes
Input Voltage	10-15	Volts	DC
Switching Current	3	Amps	Inductive or non-inductive at 24Volts DC
IP Rating	IP22		Internal use only
Warranty	24	Months	Return to manufacturer warranty
Compliance			CE, ROHS & WEEE



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