

CONTROL HEAD ASSEMBLIES

MODEL CH SERIES

CURTIS



DESCRIPTION

The CH Series Control Head Assemblies include a throttle mechanism and a “belly-button” emergency switch, and may be equipped with a variety of functional options.

WARRANTY

One year from date of delivery.

Application

Curtis Model CH Series Control Head Assemblies are attractive ergonomic and practical function control handles used in pallet jacks, walkie-stackers and tow tractors.

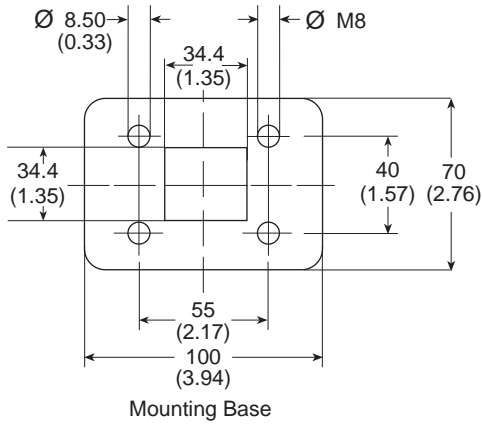
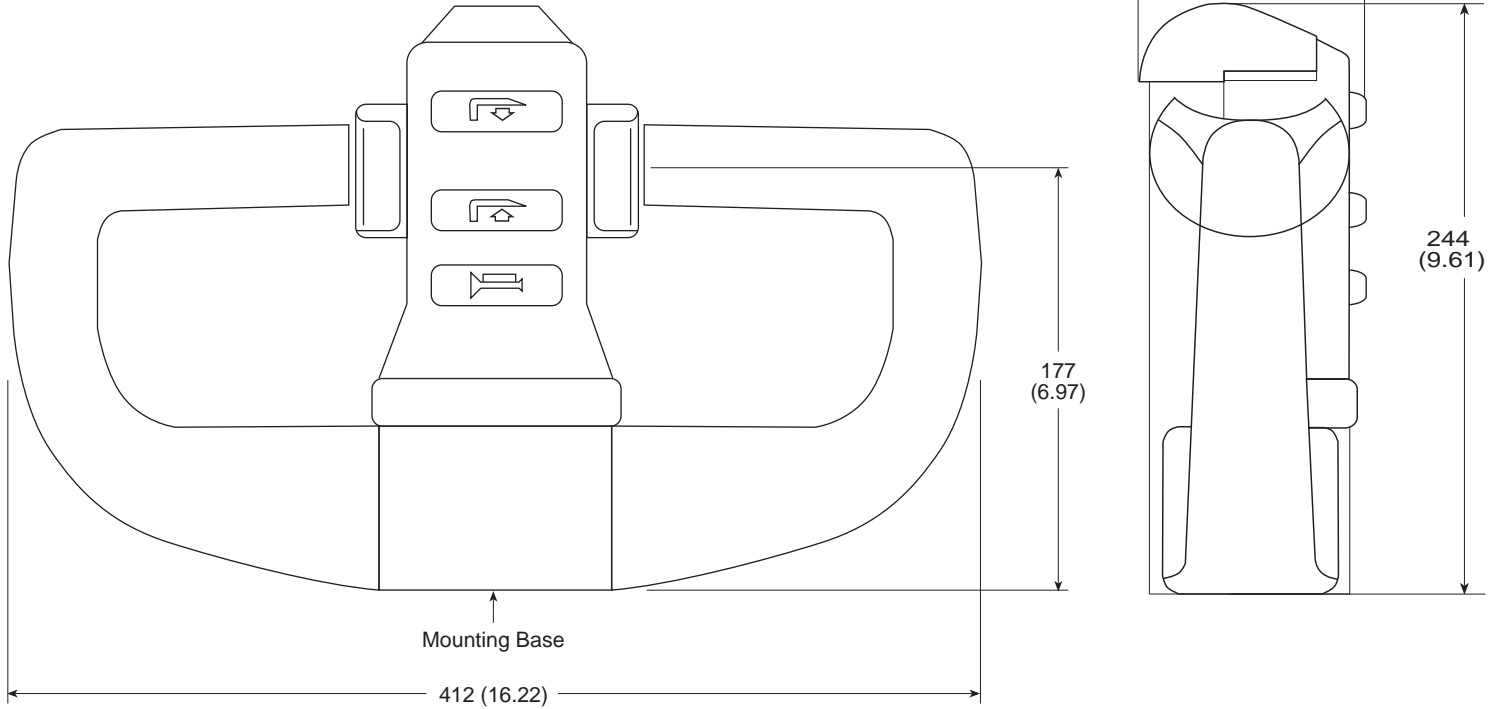
Features

- Contains a highly reliable solid state throttle using Hall Effect sensors which supply the motor speed controller with a 0 to 5V signal.
- Easy to install – all wiring terminated in multi-pin connectors.
- Rugged construction includes enamel coated steel, high impact plastic and foam padded handles.
- Available in a variety of options packages:
 - Model CH-1, the standard walkie version, includes lift up, lift down and horn switches.
 - Stacker truck version also available.
 - Options: Keyswitch, high/low speed switches and keyswitch LED indicator.

Specifications

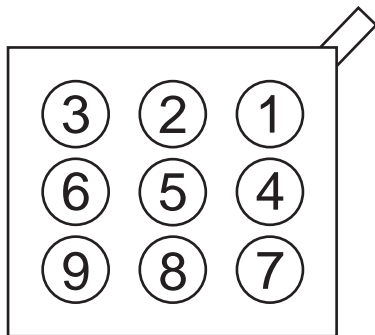
- Throttle output: 0 to 5V
- Maximum throttle output: 5.3V
- Minimum throttle output: 0V
- Input voltage range: 13 to 46V DC
- Maximum current for switches (lift up, lift down and horn): 5 Amps
- Force required to engage switches (lift up, lift down and horn): 0.65 Kg
- Force required to engage belly-button switch: 4 Kg
- Total weight (for basic model): 3.3 Kg

CH-1 Dimensions: mm (inches)

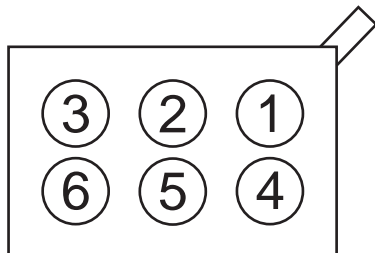


Note: Mount from shaft to control head using two M8 threaded holes. Or, mount from control head to shaft using either of the 8.5 mm (0.33) non-threaded holes.

Installation



Connector One
AMP Mate-N-Lock Connector
Female p/n: AMP 350.782-1
with contacts 926.893-3



Connector Two
AMP Mate-N-Lock Connector
Female p/n: AMP 350.782-1
with contacts 926.893-3

Typical Control Head Wiring (Model CH-1 only)

Note: Wiring may vary depending on options package specified.

Connector One Pinouts

1	0-5V throttle ground
2	Keyswitch (or Battery positive)
3	Forward MOSFET contactor driver
4	Reverse MOSFET contactor driver
5	Belly-button switch
6	No connect
7	Battery negative
8	0-5V throttle
9	No connect

Connector Two Pinouts

1	No connect
2	No connect
3	Lift up
4	Lift down
5	Horn
6	Keyswitch (or battery positive)