Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

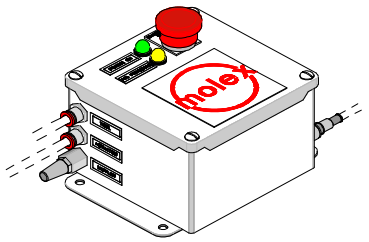
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Accessory
Full Cycle/Pressure Electrical Control Box

molex

Application Tooling Specification Sheet



Order No. 64001-4000

Features

- The 64001-4000 Full Cycle Electrical Control Box is an option for use on Air Power Crimp Tool (AT200) Order No.19279-0001 equipped with Bench Adapter Order No.19078-0307.
- This control box will assure that the air tool completes a full crimp cycle. Applying the air pressure for a long enough cycle to assure a successfully completed crimp.
- Prevents actuation if sufficient pneumatic pressure is not available to produce good crimps.
- Eliminates the operators' judgment and low line pressure as sources of variability for critical applications.

OPERATION

1. To install the control box remove the pneumatic foot switch and all of the tubing.
2. Replace with the components, fittings and the tubing. See Figures 1 and 3.
3. Make sure they are correctly connected in the right positions, which are clearly marked on the each side of the Cycle Box in Figure 1.

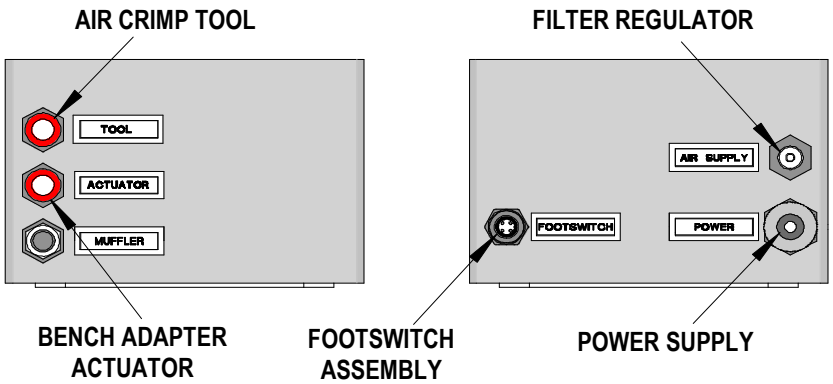


Figure 1

4. The power is on if the "*Green*" indicator light is on.
5. If the "*Yellow*" indicator light turns on, the air pressure is low (90 PSI – Min.). Check the pressure gauge and reset if necessary.
6. To change the cycle time, the timer has to be readjusted. This is done by removing the (4) screws on the top cover. Place the cover aside and locate the timer. See Figure 2. Using a Phillips screwdriver insert it in the slot on top of the timer. Turn the timer clockwise (CW) to increase time or counterclockwise (CCW) to decrease time. The dial can be turned by hand if a screwdriver is not available. Place the cover back and re-install the (4) screws.
7. Push the foot switch to start the crimp cycle.
8. When the crimp cycle is complete the circuit will release and the jaws of the air tool will open.

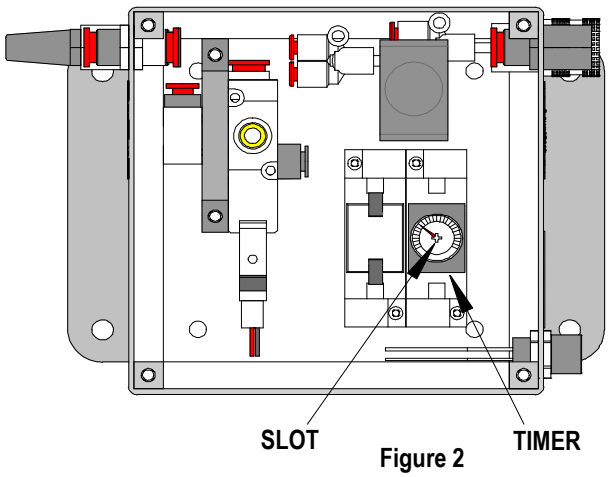


Figure 2

9. To stop the cycle before complete, push the emergency stop button. To reset, rotate the button clockwise (CW) as indicated by the arrows on the button.

Parts List

64001-4000-Electrical Controls (Timed Cycle)			
Item	**Order No.**	**Description**	**Qty**
1	64001-4000	Control Box	Figure 3
2	62500-1265	Power Supply	1
3	63800-8394	Footswitch Assembly	1
4	69018-6237	Power Cord	1
5	N/A	1/4“ OD Tubing	**
6	N/A	1/8 NPT by 1/4 Tube Fitting	**
7	19078-0307	Bench Adapter	REF
8	19279-0001	Air Power Crimp Tool	REF
** Available from an industrial supply company such as MSC (1-800-645-7270).			

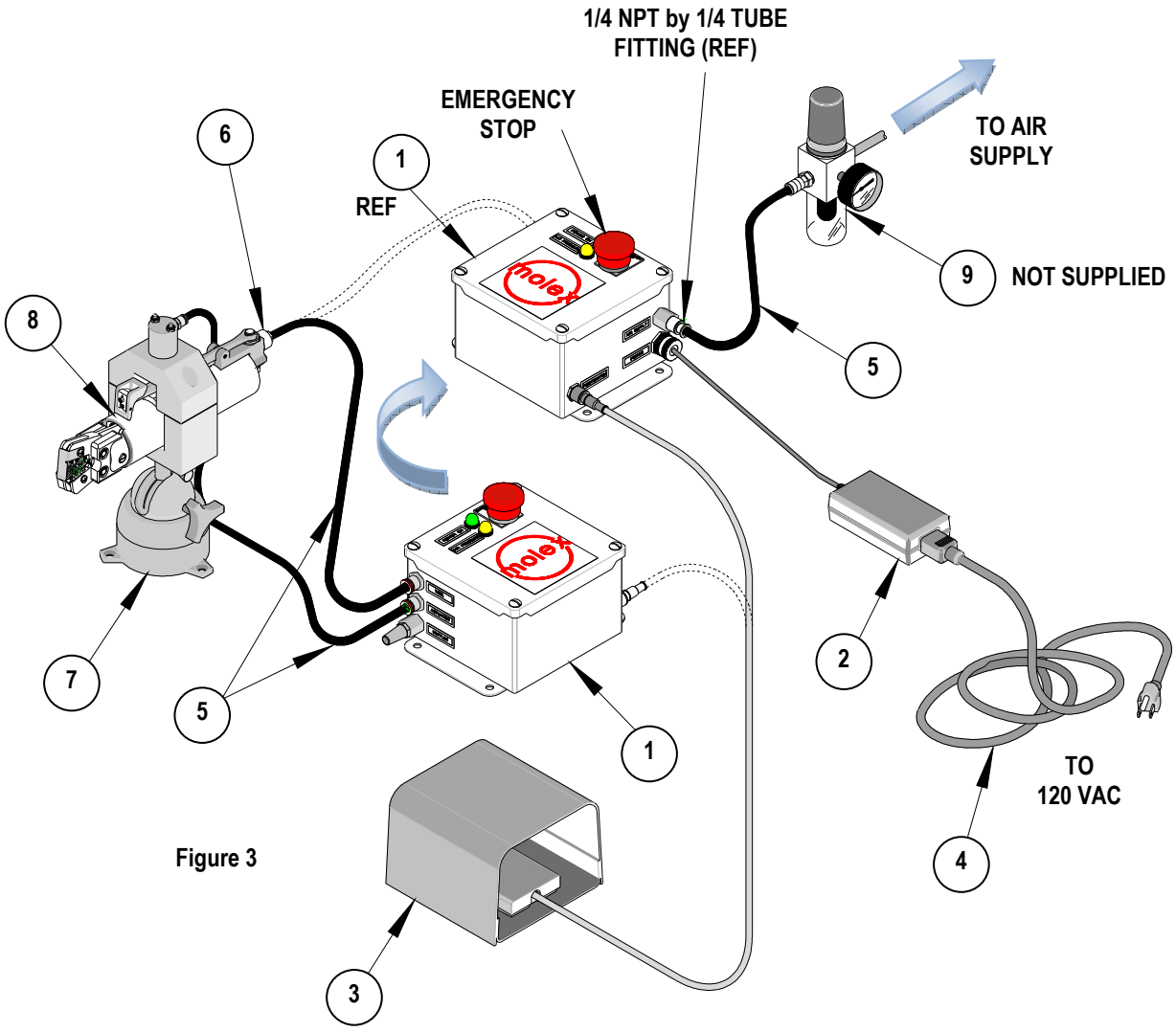


Figure 3

Visit our Web site at http://www.molex.com